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The Annual Index also carries the abstract number in place of a page number reference. This year's Index drops the year (volume) reference to make room for the issue and abstract number. The year (volume) appears in the heading on each page of the Index.

The Secretary of Commerce has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this department. Use of funds for printing this periodical has been approved by the Director of the Office of Management and Budget through August 1, 1986.

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A AND C CONSULTANTS, INC., ATLANTA, GA.

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Research into an Asymmetric Membrane Hollow Fiber Device for Oxygen Enriched Air Production. Phase 1 Final Report.
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Commercial Transnational and Neighbour Country TV in Europe. Economic Consequences and Consumer Perspectives. Case: Sky Channel and West German TV from a Danish Perspective. Skriftserie E, nr. 14.
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Upper Mechanicville Hydroelectric Redevelopment Demonstration Project. Final Technical and Construction Cost Report.
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Assessing Performance: A Reference Series for the Field. Volume 1. Project Evaluation Handbook.
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Application of Solar Energy to the Supply of Industrial Process Hot Water. Installation and Detail Drawings. Appendix B of Final Design and Performance Report, CDRL/PA 8.
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Holographic Solar Concentrator Development (Phase I). Annual Report, August 1, 1983-July 31, 1984. Draft Final Report.
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AD-A148 250/4 **05**-*510,726* PC **A06**/MF **A01**

AFIT/GSM/LSY/84S-8
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AFIT/GSM/LSY/84S-9
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AD-A148 440/1 **05**-*510,843* PC **A04**/MF **A01**

AFIT/GSM/LSY/84S-11
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AD-A148 483/1 **05**-*510,597* PC **A06**/MF **A01**

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AD-A147 552/4 **03**-*506,093* PC **A07**/MF **A01**

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AFIT/GSM/LSY/84S-23
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AFLMC-LM831215
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(SBI-AD-F630-671)
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AFLMC-LS791003-3
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(SBI-AD-F630-689)
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(SBI-AD-F630-698)
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AD-A158 655/1 **25**-*558,846* PC **A03**/MF **A01**

AFLMC-LS840612
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AFLMC-LS840714
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AD-A153 697/8 **16**-*536,443* PC **A05**/MF **A01**

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AFLMC-821003
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AD-A158 614/8 **25**-*557,342* PC **A02**/MF **A01**

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AD-A146 774/5 **02**-*503,072* PC **A02**/MF **A01**

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AD-P004 483/4 **13**-*529,532* PC **A02**/MF **A01**

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AD-A155 469/0 **19**-*542,459* PC **A05**/MF **A01**

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AD-A152 630/0 **14**-*531,135* PC **A10**/MF **A01**

AFPT-90-924-521
Medical Laboratory Career Ladder (AFSC 924X0).
AD-A155 470/8 **19**-*542,460* PC **A05**/MF **A01**

Communications-Electronics Utilization Field AFSC 30XX.
AD-A145 951/0 **01**-*500,386* PC **A04**/MF **A01**

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AD-A146 572/3 **01**-*500,472* PC **A07**/MF **A01**

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AD-A146 872/7 **02**-*503,082* PC **A04**/MF **A01**

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AD-A147 387/5 **03**-*505,548* PC **A04**/MF **A01**

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AD-A147 437/8 **03**-*505,551* PC **A05**/MF **A01**

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AD-A149 220/6 **08**-*515,984* PC **A07**/MF **A01**

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AD-A149 241/2 **08**-*515,985* PC **A04**/MF **A01**

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AD-A152 140/0 **13**-*528,620* PC **A02**/MF **A01**

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AD-A152 826/4 **15**-*533,095* PC **A08**/MF **A01**

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AD-A154 754/6 **18**-*539,926* PC **A06**/MF **A01**

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AD-A154 815/5 **18**-*539,930* PC **A02**/MF **A01**

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AD-A157 145/4 **23**-*552,186* PC **A07**/MF **A01**

Missile Systems Analyst Career Ladder, AFSC 411X0A (Formerly 316X0G).
AD-A158 429/1 **25**-*557,455* PC **A06**/MF **A01**

Metals Processing Career Ladder, AFSC 427X4.
AD-A158 602/3 **25**-*557,463* PC **A04**/MF **A01**

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AD-A158 649/4 **25**-*557,464* PC **A05**/MF **A01**

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AD-A149 854/6 **09**-*519,857* PC **A04**/MF **A01**

PTPD-84-R-02
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AD-A148 836/0 **06**-*513,787* PC **A02**/MF **A01**

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AFRPL-TR-82-030
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AD-B066 263/5 **10**-*523,203* PC **A03**/MF **A01**

AFRPL-TR-82-041
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AD-B067 444/0 **10**-*521,709* PC **A02**/MF **A01**

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AD-A147 434/5 **03**-*507,775* PC **A03**/MF **A01**

AFRPL-TR-84-060
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AD-A149 270/1 **08**-*518,306* PC **A03**/MF **A01**

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AD-A155 982/2 **21**-*549,251* PC **A02**/MF **A01**

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AD-A157 249/4 **23**-*554,515* PC **A06**/MF **A01**

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AD-A153 241/5 **15**-*532,983* PC **A03**/MF **A01**

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AD-A152 531/0 **14**-*532,434* PC **A03**/MF **A01**

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AD-B074 847/5 **26**-*561,264* PC **A03**/MF **A01**

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AD-A146 886/7 **02**-*503,438* PC **A03**/MF **A01**

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AD-A148 831/3 **02**-*504,830* PC **A06**/MF **A01**

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AD-A153 629/1 **16**-*536,603* PC **A02**/MF **A01**

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AD-A150 356/4 **10**-*521,912* PC **A05**/MF **A01**

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AD-A146 968/3 **02**-*504,519* PC **A09**/MF **A01**

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AD-A145 919/7 **01**-*501,534* PC **A04**/MF **A01**

AFWAL-TR-83-4158
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AD-A146 047/6 **01**-*502,612* PC **A04**/MF **A01**

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AD-A148 203/3 **05**-*512,522* PC **A03**/MF **A01**

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AD-A153 911/3 **16**-*536,984* PC **A13**/MF **A01**

AFWAL-TR-84-2030
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AD-A155 765/1 **21**-*547,206* PC **A06**/MF **A01**

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AD-A156 197/6 **21**-*548,678* PC **A03**/MF **A01**

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AD-A151 192/2 **12**-*527,051* PC **A06**/MF **A01**

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AD-A152 616/9 **14**-*530,759* PC **A03**/MF **A01**

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AD-A151 882/8 **13**-*530,316* PC **A03**/MF **A01**

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DE85000880 **06**-*514,152* PC **A02**/MF **A01**

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DE85003541 **11**-*525,609* PC **A02**/MF **A01**

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DE84016360 **02**-*504,471* PC **A02**/MF **A01**

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DE85002681 **08**-*516,878* PC **A02**/MF **A01**

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DE85003079 **10**-*522,926* PC **A02**/MF **A01**

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DE85015511 **26**-*561,415* PC **A02**/MF **A01**

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DE85015260 **24**-*557,038* PC **A02**/MF **A01**

CONF-8506125-7
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DE85017346 **26**-*561,921* PC **A02**/MF **A01**

CONF-8509133-1
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DE85015523 **26**-*561,910* PC **A02**/MF **A01**

CONF-8509133-2
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DE85015536 **26**-*561,911* PC **A02**/MF **A01**

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DE85004329 **09**-*520,187* PC **A02**/MF **A01**

IS-EMRRI-16
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DE85014230 **23**-*554,452* PC **A02**/MF **A01**

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DE85002678 **08**-*516,841* PC **A02**/MF **A01**

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DE85002677 **08**-*516,877* PC **A02**/MF **A01**

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DE85002681 **08**-*516,878* PC **A02**/MF **A01**

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DE85003069 **11**-*525,608* PC **A02**/MF **A01**

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DE85003066 **08**-*518,158* PC **A02**/MF **A01**

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DE85003079 **10**-*522,926* PC **A02**/MF **A01**

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DE85003068 **08**-*517,270* PC **A02**/MF **A01**

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DE85003081 **09**-*519,811* PC **A02**/MF **A01**

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DE85005922 **12**-*527,103* PC **A02**/MF **A01**

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IS-M-549
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DE85015260 **24**-*557,038* PC **A02**/MF **A01**

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IS-M-561
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DE85017346 **26**-*561,921* PC **A02**/MF **A01**

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DE85009226 **17**-*537,645* PC **A13**/MF **A01**

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DE85009229 **15**-*534,027* PC **A05**/MF **A01**

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DE85009227 **16**-*536,932* PC **A04**/MF **A01**

IS-T-1064
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DE85005625 **11**-*525,635* PC **A07**/MF **A01**

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DE84015893 **01**-*501,051* PC **A11**/MF **A01**

IS-T-1091
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DE85005624 **11**-*525,768* PC **A11**/MF **A01**

IS-T-1096
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DE85005120 **09**-*520,890* PC **A09**/MF **A01**

IS-T-1097
Real Space Solution to the Phase Problem in X-Ray Crystallography: ALCAMPS (Ames Laboratory Computer-Aided Analysis of Multi-Solution Patterson Superpositions).
DE84015476 **02**-*504,854* PC **A14**/MF **A01**

IS-T-1105
I. Mechanism of the Formation of Methylenecyclobutenone by the Flash Vacuum Pyrolysis of Ufrfuryl Benzoate. II. Chemistry of 2-Methylenebenzocyclobutenone and Indenone Prepared by the Flash Vacuum Pyrolysis of 3-Benzoyloxymethylbenzofuran.
DE85007088 **12**-*526,637* PC **A09**/MF **A01**

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DE85009233 **14**-*531,866* PC **A08**/MF **A01**

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IS-T-1117
Electrochemical Dissolution of Copper Sulfides Using a Fluidized Bed Electrochemical Reactor.
DE85005117 **12**-*526,671* PC **A06**/MF **A01**

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DE85007630 **13**-*530,305* PC **A04**/MF **A01**

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DE85009231 **15**-*533,564* PC **A07**/MF **A01**

IS-T-1125
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DE85005119 **10**-*522,124* PC **A05**/MF **A01**

IS-T-1129
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DE85004182 **11**-*523,984* PC **A10**/MF **A01**

IS-T-1130
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DE85005118 **11**-*525,624* PC **A06**/MF **A01**

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DE85005611 **12**-*526,635* PC **A08**/MF **A01**

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Particle Detector Performance in a Fermilab Experiment.
DE85005503 **11**-*525,416* PC **A05**/MF **A01**

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Electronic Structure and Thermodynamics of Scandium Monosulfide.
DE84015259 **01**-*502,631* PC **A06**/MF **A01**

IS-T-1135
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DE85011349 **19**-*542,795* PC **A08**/MF **A01**

IS-T-1136
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DE85015589 **25**-*557,970* PC **A10**/MF **A01**

IS-T-1137
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DE85005206 **10**-*523,110* PC **A07**/MF **A01**

IS-T-1138
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DE85005312 **11**-*524,009* PC **A06**/MF **A01**

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DE85007077 **12**-*526,636* PC **A04**/MF **A01**

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DE85011758 **21**-*547,759* PC **A06**/MF **A01**

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DE85005201 **12**-*527,990* PC **A04**/MF **A01**

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DE85009230 **15**-*533,563* PC **A07**/MF **A01**

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DE85012256 **23**-*552,507* PC **A06**/MF **A01**

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DE85005116 **11**-*524,002* PC **A10**/MF **A01**

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DE85005200 **12**-*526,672* PC **A08**/MF **A01**

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DE85004485 **10**-*521,725* PC **A12**/MF **A01**

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DE85012391 **20**-*544,932* PC **A05**/MF **A01**

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DE85004175 **10**-*521,655* PC **A04**/MF **A01**

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DE85004174 **10**-*522,475* PC **A10**/MF **A01**

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DE85005504 **11**-*525,633* PC **A07**/MF **A01**

IS-T-1165
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DE85009224 **17**-*537,644* PC **A13**/MF **A01**

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DE85004793 **11**-*523,993* PC **A09**/MF **A01**

IS-T-1168
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DE85011359 **18**-*540,339* PC **A14**/MF **A01**

IS-T-1169
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DE85005488 **11**-*524,013* PC **A09**/MF **A01**

IS-T-1170
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DE85009223 **15**-*533,562* PC **A13**/MF **A01**

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DE85004874 **11**-*525,738* PC **A04**/MF **A01**

IS-T-1174
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DE85012255 **22**-*549,992* PC **A06**/MF **A01**

IS-T-1180
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DE85009225 **21**-*547,756* PC **A10**/MF **A01**

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DE85005268 **11**-*523,660* PC **A09**/MF **A01**

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1. Kinetic and Mechanistic Study of the (4+ 4) Dimerization of 2,3-Dimethylene-2,3-Dihydrofuran. 2. Preparation of 2,3-Dimethylene-2,3-Dihydrobenzo(B)Furan by the Flash Vacuum Pyrolysis of 2-Methyl-3-Benzo(B)Furylmethyl Benzoate. 3. Reaction of 2,3-Dimethylene-2,3-Dihydrofuran with Triplet Oxygen.
DE85009234 **16**-*535,844* PC **A13**/MF **A01**

IS-T-1187
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DE85009232 **15**-*533,585* PC **A04**/MF **A01**

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DE85015583 **25**-*557,969* PC **A09**/MF **A01**

IS-T-1209
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DE85009228 **14**-*532,800* PC **A04**/MF **A01**

IS-T-1211
NMR Study of sup 29 Si in Offretite.
DE85012196 **24**-*555,304* PC **A05**/MF **A01**

IS-T-1212
Description of Chemical Reactions by the Method of the Full Optimized Reaction Space. The Ring-Opening of Unsubstituted and Substituted Cyclopropylidene to Allene.
DE85015562 **26**-*560,472* PC **A10**/MF **A01**

IS-T-1213
Some Normal State and Superconducting State Properties of Ultra High Purity Vanadium.
DE85012197 **22**-*551,771* PC **A05**/MF **A01**

IS-4836
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DE84015006 **01**-*501,173* PC **A03**/MF **A01**

IS-4862
Sequoyah Equipment Hatch Seal Leakage.
NUREG/CR-3952 **20**-*546,394* PC **A03**/MF **A01**

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DE85002672 **08**-*516,401* PC **A03**/MF **A01**

IS-4868
Elemental Analysis of Biological Samples by Graphite Furnace, Inductively Coupled Plasma - Atomic Emission Spectroscopy (GF-ICP-AES).
DE85006044 **13**-*528,768* PC **A04**/MF **A01**

IS-4869
Environmental Research and Development: Measurement and Dosimetry. Quarterly Report, April 1-June 30, 1984.
DE85006046 **11**-*523,910* PC **A07**/MF **A01**

IS-4870
Ames Laboratory Measurements of Alkali Levels in the Curtiss-Wright PFBC Gas Stream.
DE85011357 **20**-*545,624* PC **A03**/MF **A01**

IS-4872
Float Zone Experiments in Space. Final Report, October 1, 1983-June 30, 1984.
DE85011350 **22**-*551,246* PC **A04**/MF **A01**

IS-4872
Float Zone Experiments in Space.
(NASA-CR-171284)
N85-15766/7 **10**-*522,928* PC **A04**/MF **A01**

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DE85014199 **24**-*556,817* PC **A05**/MF **A01**

IS-4881
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DE85014200 **23**-*554,451* PC **A02**/MF **A01**

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N85-15766/7 **10**-*522,928* PC **A04**/MF **A01**

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Aircraft Skin Penetrator and Agent Applicator. Volume 1. Working Model Development and Construction.
(AFESC/ESL-TR-84-12)
AD-A150 498/4 **10**-*520,952* PC **A04**/MF **A01**

Aircraft Skin Penetrator and Agent Applicator. Volume 2. Test and Evaluation.
(AFESC/ESL-TR-84-12-VOL-2)
AD-A151 609/5 **12**-*525,864* PC **A03**/MF **A01**

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DOE/R0/00065-T1
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DE85013338 **23**-*551,964* PC **A05**/MF **A01**

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Gardening under Cover: A Northwest Horticultural Guide to Solar Greenhouses, Coldframes and Cloches.
DE85010220 **19**-*542,147* PC **A05**/MF **A01**

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Structures to Resist the Effects of Accidental Explosions. Volume 3. Principles of Dynamic Analysis.
(ARLCD-SP-84001-VOL-3, SBI-AD-E401-178)
AD-A148 895/6 **07**-*515,190* PC **A18**/MF **A01**

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(ARLCD-SP-84001-VOL-6, SBI-AD-E401-323)
AD-A154 275/2 **17**-*538,659* PC **A11**/MF **A01**

Design and Evaluation of Assembly Bay and Assembly Cell Complexes,
AD-P004 874/4 **23**-*553,620* PC **A02**/MF **A01**

AMOCO PRODUCTION CO., CHICAGO, IL.

CONF-8505115-5
Comprehensive Fracture Diagnostics Experiment. Part II. Comparison of Seven Fracture Azimuth Measurements.
DE85011707 **20**-*545,143* PC **A02**/MF **A01**

SAND-85-0990C
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DE85012307 **20**-*547,084* PC **A03**/MF **A01**

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DOE/PC/40009-T9
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E85-10038
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(NASA-CR-174129)
N85-13357/7 **07**-*514,823* PC **A02**/MF **A01**

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E85-10094
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TR-38
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AD-A156 036/6 **21**-*549,049* PC **A02**/MF **A01**

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(ARO-15412.13-PH)
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AD-A156 204/0 **21**-*548,783* PC **A02**/MF **A01**

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(ARO-15412.62-PH)
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AD-A157 427/6 **23**-*554,230* PC **A02**/MF **A01**

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AD-A157 609/9 **23**-*554,235* PC **A17**/MF **A01**

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AD-B064 672/9 **14**-*531,816* PC **A03**/MF **A01**

ARSCD-TR-83007
Corrosion Susceptibilities of Magnesium Alloys AZ91, EZ33 and ZE41.
(SBI-AD-E401041)
AD-B075 280/8 **14**-*531,853* PC **A03**/MF **A01**

ARMY ARMAMENT RESEARCH AND DEVELOPMENT CENTER, DOVER, NJ. LARGE CALIBER WEAPON SYSTEMS LAB.

ARLCD-SP-84004
User's Guide to the Picatinny HEMP Computer Code.
(SBI-AD-E401-235)
AD-A146 745/5 **02**-*503,785* PC **A03**/MF **A01**

ARLCD-TR-79019
Derivation of the Kinematic Properties of the Pin Pallet Runaway Escapement.
(SBI-AD-F400374)
AD-B042 565/2 **10**-*522,895* PC **A04**/MF **A01**

ARLCD-TR-79030
Fuze Gear-Train Analysis.
(SBI-AD-E400384)
AD-B043 539/6 **10**-*522,896* PC **A21**/MF **A01**

ARLCD-TR-84015
Closed Vessel Combustion of Stick Propellant.
(SBI-AD-E401-247)
AD-A147 802/3 **04**-*510,144* PC **A03**/MF **A01**

ARLCD-TR-84020
Evaluation of Titanium Diboride Gun Tube Coatings.
(SBI-AD-E401-262)
AD-A148 901/2 **07**-*515,511* PC **A02**/MF **A01**

ARLCD-TR-84022
Electromagnetic Braking of a Metallic Projectile in Flight.
(SBI-AD-E401-271)
AD-A149 424/4 **08**-*517,704* PC **A02**/MF **A01**

ARLCD-TR-84024
Minimum Nonpropagation Criteria for Load, Assemble, and Pack (LAP) Facilities for the BLU-97/B Submunition.
(SBI-AD-E401-300)
AD-A152 131/9 **13**-*530,264* PC **A04**/MF **A01**

ARLCD-TR-84025
U.S. Army Electromagnetic Launcher Facility.
(SBI-AD-E401-281)
AD-A149 847/6 **09**-*519,793* PC **A03**/MF **A01**

ARLCD-TR-84026
Design of Ammunition Gripper for 155-mm Robotic Howitzer.
(SBI-AD-E401-305)
AD-A152 695/3 **14**-*532,545* PC **A06**/MF **A01**

ARLCD-TR-84030
Metal Armatures for Railguns.
(SBI-AD-E401-303)
AD-A152 129/3 **13**-*530,263* PC **A03**/MF **A01**

ARLCD-TR-84031
Comparison of Paper Molding and Slurry Processes for Manufacture of 60-mm M204 and 81-mm M205 Propelling Charge Containers.
(SBI-AD-E401-292)
AD-A151 530/3 **12**-*527,863* PC **A02**/MF **A01**

ARLCD-TR-85003
Investigation of Damaged Lands of M185 Cannon Mounted on the 155-mm M109A1 Howitzer.
(SBI-AD-E401-358)
AD-A157 902/8 **24**-*556,579* PC **A07**/MF **A01**

ARLCD-TR-85005
Design and Testing of a Pulsed Current Transformer.
(SBI-AD-E401-333)
AD-A154 228/1 **17**-*537,878* PC **A03**/MF **A01**

ARLCD-TR-85007
Feasibility of a Microprocessor Controlled Recoil Mechanism for Large Caliber Artillery Weapons.
(SBI-AD-E401-338)
AD-A155 304/9 **19**-*543,970* PC **A05**/MF **A01**

ARLCD-TR-85009
EMACK Railgun Firing Test Report Number 9.
(SBI-AD-E401-349)
AD-A156 661/1 **22**-*551,232* PC **A03**/MF **A01**

Safe Separation Investigations for M483/M509 Projectile Lap Facilities.
AD-P004 461/0 **12**-*527,881* PC **A02**/MF **A01**

Mechanical Behavior of Gun Propellant during High Acceleration.
AD-P004 543/5 **15**-*534,706* PC **A02**/MF **A01**

Crystal and Molecular Structure of a New Propellant Compound Triaminoguanidinium Azide Nitrate (TAZN).
AD-P004 545/0 **15**-*534,708* PC **A02**/MF **A01**

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ARPAD-TR-84001
Distribution of Average Particle Diameters for Three Lots of Nitroguanidine as Measured by the Fisher Sub-Sieve Sizer.
(SBI-AD-E401-259)
AD-A148 785/9 **06**-*513,907* PC **A03**/MF **A01**

ARPAD-TR-84006
Electro-Optical Cavity Inspection System.
(SBI-AD-E401-229)
AD-A145 770/4 **01**-*502,014* PC **A02**/MF **A01**

ARPAD-TR-84007
Ultrasonic Inspection of Alloyed Tungsten Bars.
(SBI-AD-E401-258)
AD-A148 900/4 **07**-*515,196* PC **A02**/MF **A01**

ARPAD-TR-85001
Automatic Sphericity Interferometer for Testing Lens Radii.
(SBI-AD-E401-352)
AD-A155 736/2 **19**-*544,035* PC **A02**/MF **A01**

Reliability Handbook (Army Armament Research and Development Center).
AD-A154 591/2 **18**-*541,361* PC **A13**/MF **A01**

ARMY ARMAMENT RESEARCH AND DEVELOPMENT CENTER, WATERVLIET, NY. LARGE CALIBER WEAPON SYSTEMS LAB. (FIELD UNIT).

ARLCB-MR-84035
Compliance of a Three-Point Bend Specimen at Load Line.
(SBI-AD-E440-260)
AD-A148 786/7 **06**-*514,230* PC **A02**/MF **A01**

ARLCB-MR-85015
More on Compliance of the Three-Point Bend Specimen.
(SBI-AD-E440-286)
AD-A156 665/2 **22**-*551,745* PC **A02**/MF **A01**

ARLCB-SP-84024
Index to Benet Weapons Laboratory (LCWSL) Technical Reports - 1983.
(SBI-AD-E440-254)
AD-A145 894/2 **01**-*502,335* PC **A05**/MF **A01**

ARLCB-SP-85023
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(SBI-AD-E440-293)
AD-A158 022/4 **24**-*556,580* PC **A05**/MF **A01**

ARLCB-TR-84019
Bauschinger and Hardening Effects on Residual Stresses in an Autofrettaged Thick-Walled Cylinder.
(SBI-AD-E440-250)
AD-A145 892/6 **01**-*501,533* PC **A02**/MF **A01**

ARLCB-TR-84021
Stress Intensity Factors for a Circular Ring with Uniform Array of Radial Cracks of Unequal Depth.
(SBI-AD-E440-252)
AD-A145 893/4 **01**-*502,591* PC **A03**/MF **A01**

ARLCB-TR-84022
Embrittlement of Gun Steel by Copper.
(SBI-AD-E440-251)
AD-A145 889/2 **01**-*501,532* PC **A03**/MF **A01**

ARLCB-TR-84023
Simple Fracture Mechanics Based Method for Fatigue Life Prediction in Thick-Walled Cylinders.
(SBI-AD-E440-249)
AD-A145 978/3 **01**-*502,592* PC **A03**/MF **A01**

ARLCB-TR-84025
Wide Range Displacement Expressions for Standard Fracture Mechanics Specimens.
(SBI-AD-E440-255)
AD-A146 566/5 **01**-*502,600* PC **A03**/MF **A01**

ARLCB-TR-84028
Secondary Waves from Nozzle Blast.
(SBI-AD-E440-268)
AD-A149 426/9 **08**-*517,720* PC **A03**/MF **A01**

ARLCB-TR-84029
Blast Computation Using Harten's Total Variation Diminishing Scheme.
AD-A148 141/5 **04**-*510,154* PC **A03**/MF **A01**

ARLCB-TR-84030
Electrical Resistivity in Low Resistivity Amorphous Alloys.
(SBI-AD-E440-258)
AD-A147 830/4 **04**-*510,379* PC **A02**/MF **A01**

ARLCB-TR-84031
Application of the Diffraction Model to Amorphous Magnesium Zinc Alloys.
(SBI-AD-E440-259)
AD-A147 369/3 **03**-*506,418* PC **A02**/MF **A01**

ARLCB-TR-84032
Effect of Interconnection of the Ends of a Sliding Bearing on Film Thickness.
AD-A147 736/3 **04**-*509,457* PC **A02**/MF **A01**

ARLCB-TR-84033
Autonomous Navigation for Mobile Robot Vehicles Over Hilly Terrain Using Rangefinding Measurements.
(SBI-AD-E440-261)
AD-A148 787/5 **06**-*513,988* PC **A03**/MF **A01**

ARLCB-TR-84036
Second Variations for the Stress Wave Problem Using the Euler-Lagrange and Adjoint Formulations.
(SBI-AD-E440-267)
AD-A149 716/3 **09**-*520,678* PC **A03**/MF **A01**

ARLCB-TR-84037
Stress Concentration due to Axial Tension of Loaded Nonsymmetric-Shaped Grooves.
(SBI-AD-E440-266)
AD-A149 425/1 **08**-*518,138* PC **A03**/MF **A01**

ARLCB-TR-84040
Tekedit - An Enhanced Editor for Direct View Storage Tube (DVST) Graphics Display Devices.
(SBI-AD-E440-265)
AD-A149 715/5 **09**-*519,088* PC **A02**/MF **A01**

ARLCB-TR-84041
Characterization of Bore Surface Layers in Gun Barrels.
(SBI-AD-E440-270)
AD-A151 424/9 **12**-*527,890* PC **A03**/MF **A01**

ARLCB-TR-85001
Electrical Resistivity in Amorphous Metals: Consequences of Phonon Ineffectiveness in the Diffraction Model.
(SBI-AD-E440-272)
AD-A152 130/1 **13**-*530,539* PC **A04**/MF **A01**

ARLCB-TR-85002
Solid Metal Induced Embrittlement of Metals.
(SBI-AD-E440-275)
AD-A152 732/4 **14**-*531,852* PC **A03**/MF **A01**

ARLCB-TR-85005
Thermal Expansion Effects in Electrical Transport in Amorphous Metals.
(SBI-AD-E440-273)
AD-A152 477/6 **14**-*531,850* PC **A03**/MF **A01**

ARLCB-TR-85006
Cyclic Torsion of a Circular Cylinder and Its Residual Stress Distribution.
(SBI-AD-E440-274)
AD-A153 347/0 **15**-*535,084* PC **A03**/MF **A01**

ARLCB-TR-85007
More Accurate Solution to the Elastic-Plastic Problem of Pressurized Thick-Walled Cylinders.
(SBI-AD-E440-276)
AD-A153 151/6 **15**-*535,080* PC **A02**/MF **A01**

ARLCB-TR-85008
Wear of Projectile Rotating Bands.
(SBI-AD-E440-283)
AD-A156 666/0 **22**-*551,218* PC **A03**/MF **A01**

ARLCB-TR-85010
Shear Deflection in a Three-Point Bend Beam of a Solid Circular Cross-Section.
(SBI-AD-E440-280)
AD-A154 458/4 **17**-*539,452* PC **A02**/MF **A01**

ARLCB-TR-85011
Stress Concentration in the Elastoplastic State and Residual Stress After Unloading.
(SBI-AD-E440-281)
AD-A155 628/1 **19**-*544,252* PC **A03**/MF **A01**

ARLCB-TR-85012
Autonomous Detection of Objects from Range Data Measurements.
(SBI-AD-E440-282)
AD-A155 301/5 **19**-*543,783* PC **A02**/MF **A01**

ARLCB-TR-85013
Fracture in Liquid Metal Environments.
(SBI-AD-E440-285)
AD-A155 629/9 **19**-*543,212* PC **A04**/MF **A01**

ARLCB-TR-85014
Fracture Testing with Arc Bend Specimens.
(SBI-AD-E440-284)
AD-A156 172/9 **21**-*549,142* PC **A03**/MF **A01**

ARLCB-TR-85017
New Powder Technologies for Molybdenum Alloy Gun Barrel Liners.
(SBI-AD-E440-289)
AD-A158 315/2 **25**-*559,375* PC **A03**/MF **A01**

ARLCB-TR-85018
Stress Intensity Factors at Radial Cracks of Unequal Depth in Partially Autofrettaged, Pressurized Cylinders.
(SBI-AD-E440-288)
AD-A157 866/5 **24**-*556,967* PC **A03**/MF **A01**

ARLCB-TR-85019
Dynamic Response in an Elastic-Plastic Projectile Due to Normal Impact.
(SBI-AD-E440-291)
AD-A157 901/0 **24**-*556,564* PC **A03**/MF **A01**

ARLCB-TR-85021
Variational Principle for Penetrator Dynamics Using Bilinear Functional and Adjoint Formulation.
(SBI-AD-E440-290)
AD-A157 964/8 **24**-*556,565* PC **A02**/MF **A01**

Variational Principle for Penetrator Dynamics Using Bilinear Functional and Adjoint Formulation.
AD-P004 915/5 **24**-*556,568* PC **A02**/MF **A01**

More Accurate Solution to the Elastic-Plastic Problem of Pressurized Thick-Walled Cylinders.
AD-P004 925/4 **24**-*556,979* PC **A02**/MF **A01**

Recursive Gradient Estimation Using Splines for Navigation of Autonomous Vehicles.
AD-P004 948/6 **24**-*556,221* PC **A02**/MF **A01**

Dynamic Response in an Elastic-Plastic Projectile Due to Normal Impact.
AD-P004 952/8 **24**-*556,573* PC **A02**/MF **A01**

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Treatment of Wastewater (Red Water) Resulting from TNT (Trinitrotoluene) Purification.
AD-P004 146/7 **05**-*511,829* PC **A02**/MF **A01**

Unique Fire Suppressant Deluge Systems to Prevent Explosions.
AD-P004 441/2 **12**-*527,444* PC **A02**/MF **A01**

Modification Program for Increased Chemical Stability and Cost Savings for M10 Propellant Expulsion Charge and Propellant Container in M483A1/M509A1 Projectiles.
AD-P004 466/9 **13**-*530,268* PC **A02**/MF **A01**

Classifications of Hazards in Shipping and Storage of Ammunition and Explosives.
AD-P004 473/5 **13**-*530,272* PC **A02**/MF **A01**

Molecular Dynamics of Propellant Gases. Part 2.
AD-P004 546/8 **15**-*534,709* PC **A02**/MF **A01**

Combustion Characteristics of Single Granules of Black Power.
AD-P004 547/6 **15**-*534,710* PC **A02**/MF **A01**

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AD-A155 943/4 **21**-*548,750* PC **A02**/MF **A01**

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AD-A152 010/5 **13**-*528,333* PC **A04**/MF **A01**

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USAAEFA-82-07
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AD-A151 380/3 **12**-*525,876* PC **A11**/MF **A01**

USAAEFA-82-09
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AD-A148 676/0 **06**-*512,665* PC **A08**/MF **A01**

USAAEFA-82-15-1
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USAAEFA-83-15
Preliminary Airworthiness Evaluation of the OH-58C with 3-Axis Stability Control Augmentation System and Improved Tail Rotor System.
AD-A155 394/0 **19**-*542,093* PC **A09**/MF **A01**

USAAEFA-83-20
Limited Airworthiness and Flight Characteristics (A&FC) Test of the Quick Fix Configuration.
AD-A157 716/2 **24**-*554,570* PC **A04**/MF **A01**

USAAEFA-83-21
Artificial and Natural Icing Tests YEH-60A Quick Fix Helicopter.
AD-A155 147/2 **19**-*542,090* PC **A05**/MF **A01**

USAAEFA-83-22
Limited Artificial and Natural Icing Tests of the External Stores Support System (ESSS) Installed on a UH-60A Aircraft.
AD-A156 263/6 **21**-*547,201* PC **A04**/MF **A01**

USAAEFA-84-02
Airworthiness and Flight Characteristics Test of the RC-12D Guardrail V.
AD-A148 046/6 **04**-*507,906* PC **A04**/MF **A01**

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AD-A156 657/9 22-550,878 MF A01

USAAVSCOM-TR-85-A-3
Finite-Difference Computations of Rotor Loads.
(NASA-TM-86682)
AD-A155 581/2 19-542,060 PC A02/MF A01

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Foreign Military Sales Termination Liability Curve: Applied Random Coefficient Model.
(USAAVSCOM-TM-85-F-3)
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BRL-MR-3383
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(SBI-AD-F300-517)
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(SBI-AD-F300-493)
AD-A149 310/5 08-517,354 PC A11/MF A01

BRL-MR-3388
Design of an Optical Closed Bomb (OCB).
(SBI-AD-F300-519)
AD-A149 991/2 09-519,796 MF A01

BRL-MR-3395
Application of Monte Carlo and Molecular Dynamics Methods to the Calculation of Thermodynamic Properties of Molten Salts.
(SBI-AD-F300-523)
AD-A148 897/2 07-515,491 PC A02/MF A01

BRL-MR-3397
Numerical Computation of Base Flow for a Missile in the Presence of a Centered Jet.
(SBI-AD-F300-510)
AD-A148 784/2 06-514,075 PC A03/MF A01

BRL-MR-3398
Computer Description of the M561 Utility Truck.
(SBI-AD-F300-533)
AD-A149 393/1 08-517,715 PC A05/MF A01

BRL-MR-3399
Gas Gun Impact Tester for Solid Gun Propellants.
(SBI-AD-F300-534)
AD-A149 712/2 09-520,173 PC A03/MF A01

BRL-MR-3400
Van Leer Shock Capturing Algorithm for the Euler Equations.
(SBI-AD-F300-513)
AD-A148 761/0 06-514,074 PC A03/MF A01

BRL-MR-3404
Hypothetical Zero Yaw Drag Trajectory of Spinning Projectiles between M = 5 and M = 10.
(SBI-AD-F300-525)
AD-A148 899/8 07-515,492 PC A03/MF A01

BRL-MR-3411
Parallelized Point Successive Over-Relaxation Method on a Multiple Instruction Multiple Data Stream Computer.
(SBI-AD-F300-539)
AD-A154 377/6 17-537,930 PC A03/MF A01

BRL-MR-3412
Design of a Mobile Combustion Diagnostic Fixture (MCDF).
(SBI-AD-F300-584)
AD-A151 814/1 13-530,583 PC A04/MF A01

BRL-MR-3415
Orthogonal Grid Technique for Studying Internal Deformation and Energy Absorption in Target Penetration.
(SBI-AD-F300-549)
AD-A149 989/6 09-520,172 PC A03/MF A01

BRL-MR-3417
Study of Shaped-Charge Collapse and Jet Formation Using the HEMP (Hydrodynamic, Elastic, Magneto, and Plastic) Code and a Comparison with Experimental Observations.
(SBI-AD-F300-542)
AD-A149 472/3 08-517,721 PC A06/MF A01

BRL-MR-3418
Numerical Resolution Calculation for Elastic-Plastic Impact Problems.
(SBI-AD-F300-591)
AD-A152 292/9 14-532,547 PC A04/MF A01

BRL-MR-3420
Application of Suppressive Shielding and Antifratricide Technologies to the Transportation of M55 Rockets.
(SBI-AD-F300-548)
AD-A149 422/8 08-517,729 PC A02/MF A01

BRL-MR-3422
Fire Support Team Experiment.
(SBI-AD-F300-559)
AD-A150 297/0 10-522,909 PC A05/MF A01

BRL-MR-3424
Temporary Tank Ammunition Storage Facility.
(SBI-AD-F300-596)
AD-A152 696/1 14-532,550 PC A07/MF A01

BRL-MR-3425
Critical P2T Value Computation for Explosives Using the Shear Band Initiation Model.
(SBI-AD-F300-557)
AD-A149 990/4 09-520,162 PC A02/MF A01

BRL-MR-3426
Comparison of the Outputs of the Norden Battery C3 (Command, Control, and Communications) Model and the Ballistic Research Laboratory Message Processing Model.
(SBI-AD-F300-561)
AD-A150 281/4 10-522,908 PC A04/MF A01

BRL-MR-3427
Detonation Velocity Measurements of the Explosives Detasheet C and Amatol.
(SBI-AD-F300-593)
AD-A152 298/6 14-532,548 PC A02/MF A01

BRL-MR-3428
Determination of Heat Transfer Coefficient in a Gun Barrel from Experimental Data.
(SBI-AD-F300-586)
AD-A151 815/8 13-530,278 PC A05/MF A01

BRL-MR-3429
Physical Response of Flat Steel Plates to Drop Hammer Impacts.
(SBI-AD-F300-579)
AD-A151 561/8 12-527,384 PC A05/MF A01

BRL-MR-3433
Target: A Model for Determining Hits on an Irregularly Shaped Target.
(SBI-AD-F300-601)
AD-A153 049/2 15-534,716 PC A02/MF A01

BRL-MR-3434
Evaluation of Colorimetric Analysis for Chemical Agent Resistant Coating (CARC) Testing.
(SBI-AD-F300-606)
AD-A153 653/1 16-535,820 PC A04/MF A01

BRL-MR-3436
Computational Modeling of the Base Region Flow for a Projectile with a Base Cavity.
AD-A157 247/8 23-554,075 PC A03/MF A01

BRL-MR-3437
Initiation and Growth of Adiabatic Shear Bands.
(SBI-AD-F300-611)
AD-A154 459/2 17-539,453 PC A03/MF A01

BRL-MR-3440
Imbedded Thermocouples as a Solid Propellant Combustion Probe.
(SBI-AD-F300-620)
AD-A155 630/7 19-544,320 PC A03/MF A01

BRL-MR-3443
Computer Implementation of a Muzzle Blast Prediction Technique.
AD-A158 344/2 25-559,370 PC A05/MF A01

BRL-MR-3444
Apparatus for Obtaining Controlled Shot-Start Pressure in a Gun Tube.
AD-A157 001/9 22-551,228 PC A03/MF A01

BRL-MR-3448
Computational Methods for the Explosive and Impact Compaction of Powders.
AD-A156 219/8 21-548,618 PC A03/MF A01

BRL-MR-3453
TACFIRE Error Control: Improvements Using Iterated Codes.
AD-A158 083/6 24-556,208 PC A03/MF A01

BRL-SP-46
Rack for Temporary Storage of 105 mm HEAT Ammunition.
(SBI-AD-F300-607)
AD-A154 274/5 17-539,230 PC A02/MF A01

BRL-TR-2598
Averaging Effects in Models of Three-Dimensional Two-Phase Flows.
(SBI-AD-F300-500)
AD-A149 313/9 08-517,719 PC A05/MF A01

BRL-TR-2602
Effects of Perforation L/D Ratio and Slotting on Stick Propellant Combustion.
(SBI-AD-F300-518)
AD-A148 854/3 07-515,490 PC A03/MF A01

BRL-TR-2604
Multiphoton Photochemical and Collisional Effects during Oxygen Atom Flame Detection.
(SBI-AD-F300-512)
AD-A148 783/4 06-513,230 PC A02/MF A01

BRL-TR-2605
Overall Reaction Concept in Premixed, Laminar, Steady-State Flames. II. Initial Temperatures and Pressures.
(SBI-AD-F300-546)
AD-A152 132/7 13-530,567 PC A03/MF A01

BRL-TR-2610
Acceleration Measurements in High G Environments.
(SBI-AD-F300-520)
AD-A148 896/4 07-515,506 PC A03/MF A01

BRL-TR-2611
Excimer Laser Photofragmentation of Organophosphonates. I. Detection of the PO Radical from Dimethyl Methyl Phosphonate (DMMP).
(SBI-AD-F300-536)
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BRL-TR-2616
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19320BT MLRS, Missile Numbers V6138, V6139, V6155, V6141, V6167, Round Numbers V613/AT2-70 thru V617/AT2-74.
AD-A146 492/4 **01**-*500,213* PC **A03**/MF **A01**

ERADCOM/ASL/DR-1352
19318B MLRS Missile Number 429, 381, 463, 376, 417, 363 Round Number V627/FOE-1 thru V632/FOE-6.
AD-A146 531/9 **01**-*500,215* PC **A03**/MF **A01**

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19321 at MLRS Missile Number 421, 379, 464, 377, 401, 367, Round Number V635/FE-7 thru V640/FE-12, 3 August 1984,
AD-A146 483/3 **01**-*500,212* PC **A03**/MF **A01**

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17901A Honest John, Missile Number 1824, 1831, 1857, 1858 Round Number NJ 678-ASL thru HJ 681-ASL.
AD-A149 554/8 **08**-*515,847* PC **A02**/MF **A01**

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19313B MLRS, Missile Number 443, 398, 375, 394, 387, 435, 437, 467, 388, 477, 397, 445, Round Number V641/FE-13 thru V652/FE-24, 14 August 1984.
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ETL-R-072
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CONF-8311183-
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INIS-mf-9064
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INIS-mf-9065
Third Australian Conference on Nuclear Techniques of Analysis.
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CONF-8403170-
Nuclear Codes and Guidelines Workshop.
DE85780984 24-556,419 PC A06/MF A01

INIS-mf-9080
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DE85780149 11-523,483 PC A04/MF A01

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PNL-SA-11304
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PNL-SA-11362
Multidisciplinary Approach to Identify, Characterize and Minimize, Potential Health and Environmental Problems Associated with Chemically Complex Mixtures: A Case Study.
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PNL-SA-11452
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DE85005804 **12**-526,372 PC **A02**/MF **A01**

PNL-SA-11484
Mean delta-Ray Energies in Ion-Molecule Collisions.
DE85005524 **10**-521,630 PC **A02**

PNL-SA-11498-A
Enhanced Mercury Tolerance in Mytilus Edulis: Influence of Cu, Zn, and Cd Pre-Exposure and Relationship to Metal-Binding Proteins.
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PNL-SA-11507
Use of Ecotoxicological and Avoidance Data to Assess Effects of Hazardous Materials on Fish.
DE85007154 **13**-528,871 PC **A02**/MF **A01**

PNL-SA-11519
Epiderma Carcinogenesis Studies of Synthetic Fossil Fuel Materials in Mice: Comparison and Correlation with in Vitro Genotoxicity.
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PNL-SA-11546
Standing Crop and Production in Annual Grass Communities in Washington and California: A Comparison.
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PNL-SA-11547
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PNL-SA-11553
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PNL-SA-11623
Process-Related Effects on Chemical Composition of Direct Coal Liquefaction Materials.
DE85004545 **11**-525,724 PC **A02**/MF **A01**

PNL-SA-11638
Stabilization of Contaminated Soils by in situ Vitrification.
AD-P004 144/2 **05**-511,827 PC **A02**/MF **A01**

PNL-SA-11642
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DE85007156 **13**-530,632 PC **A02**/MF **A01**

PNL-SA-11657
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DE85000826 **07**-515,395 PC **A02**/MF **A01**

PNL-SA-11669
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DE85000361 **04**-510,092 PC **A02**/MF **A01**

PNL-SA-11696
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DE85005495 **11**-524,777 PC **A02**/MF **A01**

PNL-SA-11760
Design of an Inexpensive Remote Ion Chromatograph.
DE85008576 **14**-532,257 PC **A02**/MF **A01**

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PNL-SA-11785
Life-Span Radiation Effects Studies in Animals: What Can They Tell US.
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PNL-SA-11800
Exposure System for Studying Cellular Effects from Electric Fields.
DE85016283 **25**-*557,798* PC **A02**/MF **A01**

PNL-SA-11813
Determination of Fission Product Noble Metals by Inductively Coupled Plasma Atomic Emission Spectrometry.
DE85008579 **21**-*548,897* PC **A02**/MF **A01**

PNL-SA-11884
Outcome of Compressed Air Energy Storage at Pittsfield, Illinois.
DE85000395 **04**-*509,337* PC **A02**/MF **A01**

PNL-SA-11885
Overview of DOE'S Biomass Thermochemical Conversion Process.
DE85005525 **12**-*528,153* PC **A03**/MF **A01**

PNL-SA-11888
Looking at More Than Three Dimensions.
DE85007764 **13**-*529,566* PC **A02**/MF **A01**

PNL-SA-11908
Pump for Metering High-Level Waste and Glass Former Mixtures to an Electric Melter.
DE85000400 **04**-*510,047* PC **A02**/MF **A01**

PNL-SA-11913
Technical Issues and Approach to License Dry Storage of LWR Fuel in the United States.
DE85000839 **09**-*519,990* PC **A02**/MF **A01**

PNL-SA-11931
Evaluation of a Draft Standard on Performance Specifications for Health Physics Instrumentation: Results for Environmental Tests.
DE85000369 **04**-*508,653* PC **A03**/MF **A01**

PNL-SA-11947
Emerging Technology of Synthetic Aperture Focusing for Ultrasonic Testing.
DE85000373 **04**-*510,112* PC **A02**/MF **A01**

PNL-SA-11965
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DE84015569 **01**-*500,739* PC **A03**/MF **A01**

PNL-SA-11988
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PNL-SA-11993
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DE85000357 **05**-*512,562* PC **A02**/MF **A01**

PNL-SA-12000
Off-Gas Treatment and Characterization for a Radioactive in Situ Vitrification Test.
DE85000358 **04**-*510,044* PC **A02**/MF **A01**

PNL-SA-12004
Safeguards and Security Design Guidelines for Conceptual Monitored Retrievable Storage (MRS) Facilities.
DE85000365 **04**-*510,127* PC **A02**/MF **A01**

PNL-SA-12011
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DE85006959 **13**-*528,841* PC **A03**/MF **A01**

PNL-SA-12038
Effect of Input Distributions on the Probabilistic Fracture Mechanics Analysis of Reactor Pressure Vessels.
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PNL-SA-12043
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DE85000360 **07**-*515,176* PC **A03**/MF **A01**

PNL-SA-12052
Allowable Residual Contamination Levels for Decommissioning, Part 1: A Description of the Method.
DE85003631 **13**-*530,155* PC **A02**/MF **A01**

PNL-SA-12053
Allowable Residual Contamination Levels for Decommissioning, Part 2: A Summary of Example Results.
DE85003632 **09**-*520,014* PC **A02**/MF **A01**

PNL-SA-12069
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DE84010700 **09**-*518,636* PC **A06**/MF **A01**

PNL-SA-12071
Monte Carlo Calculation of Energy Deposition and Ionization Yield for High Energy Protons.
DE85005518 **11**-*525,069* PC **A02**/MF **A01**

PNL-SA-12077
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PNL-SA-12097
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DE85003114 **08**-*516,892* PC **A02**/MF **A01**

PNL-SA-12101
Statistical Lung Model for Microdosimetry.
DE84010703 **09**-*518,776* PC **A02**/MF **A01**

PNL-SA-12113
In Situ gamma-Ray Spectrometric Analysis of Radionuclide Distributions at a Commercial Shallow Land Burial Site.
DE85002376 **07**-*515,411* PC **A02**/MF **A01**

PNL-SA-12135
Development of a Data Base on End-Use Energy Consumption in Commercial Buildings.
DE85003104 **08**-*516,742* PC **A02**/MF **A01**

PNL-SA-12151
Influence of Landfills on Ground-Water Quality.
DE85004537 **11**-*524,118* PC **A02**/MF **A01**

PNL-SA-12152
Comparing Computing Formulas for Estimating Concentration Ratios.
DE84008644 **04**-*510,081* PC **A04**/MF **A01**

PNL-SA-12153
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DE85002374 **06**-*513,721* PC **A02**/MF **A01**

PNL-SA-12156
Dry Deposition Velocities.
DE84008647 **02**-*504,288* PC **A02**/MF **A01**

PNL-SA-12160
Estimation of Spatial Patterns and Inventories of Environmental Contaminants Using Kriging.
DE85007424 **13**-*528,975* PC **A03**/MF **A01**

PNL-SA-12173
Identification of Chemical Processes Influencing Constituent Mobility During in-Situ Uranium Leaching.
DE85003645 **09**-*518,971* PC **A03**/MF **A01**

PNL-SA-12174
Innovative Electrical Technique for in-Place Stabilization of Contaminated Soils.
DE85000366 **11**-*525,081* PC **A02**/MF **A01**

PNL-SA-12186
Measurements of Neutron Dose and Spectra inside Reactor Containment.
DE85013497 **24**-*556,347* PC **A02**/MF **A01**

PNL-SA-12187
Krypton-85 Health Risk Assessment for a Nuclear Fuel Reprocessing Plant.
DE85000838 **07**-*514,615* PC **A02**/MF **A01**

PNL-SA-12188
North American Acid Deposition System (ADS) And Its Use in Spatial Analysis.
DE84015582 **04**-*509,606* PC **A02**

PNL-SA-12191
Field Testing of Aquifer Thermal Energy Storage.
DE85000399 **04**-*509,338* PC **A02**/MF **A01**

PNL-SA-12201
Special Function Instruments for Binary Cycle Geothermal Power Plants.
DE85003109 **07**-*514,915* PC **A02**/MF **A01**

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Evolution of Stratospheric Aerosol Size Distribution from Ground-Based Radiometric Measurements: A Study of El Chichon Aerosol.
DE85007555 **13**-*529,042* PC **A02**/MF **A01**

PNL-SA-12207
Microprocessor-Controlled Rotating Shadowband Radiometer.
DE85003633 **09**-*519,816* PC **A02**/MF **A01**

PNL-SA-12212
Inner Shell Contribution to Multiple Ionization in Ion-Atom Collisions.
DE85003107 **08**-*516,412* PC **A02**/MF **A01**

PNL-SA-12220
Nuclear Waste Glass Melter: An Update of Technical Progress.
DE85000831 **12**-*527,739* PC **A02**/MF **A01**

PNL-SA-12227
Effect of Vertical Shear on Regional-Scale Trajectories in Near-Frontal Conditions.
DE85007554 **14**-*532,025* PC **A02**/MF **A01**

PNL-SA-12237
Acoustic Emission for on-Line Reactor Monitoring: Results from Field Tests.
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PNL-SA-12256
Monitoring Technology Trends with Patent Data: Fouling of Heat Exchangers. A Case Study.
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PNL-SA-12263
Second Generation Ultralow Background Germanium gamma-Ray Spectrometer Using Super Clean Materials and Improved Multilayered Cosmic Ray Anticoincidence and Passive Shielding.
DE85004549 **10**-*522,629* PC **A02**/MF **A01**

PNL-SA-12269
Electrolytic Recovery of Copper and Regeneration of Nitric Acid from a Copper Strip Solution.
DE85007041 **13**-*530,243* PC **A02**/MF **A01**

PNL-SA-12270
Catalysts for Gasification of Biomass.
DE85000371 **04**-*510,461* PC **A02**/MF **A01**

PNL-SA-12277
Silver Speciation in Seawater: The Importance of Sulfide and Organic Complexes.
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Analysis of Liquefied Natural Gas (LNG) Release Prevention Systems.
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PNL-SA-12283
Selection of a Reference Process for Treatment of the West Valley Alkaline Waste.
DE85002539 **08**-*517,519* PC **A02**/MF **A01**

PNL-SA-12293
Separation and Determination of Hydroxy-Functional Polycyclic Aromatic Hydrocarbons in Coal Liquefaction Materials.
DE85007045 **13**-*530,628* PC **A02**/MF **A01**

PNL-SA-12295
Characterization of LWR Spent Fuel Approved Testing Materials for Radionuclide Release Studies.
DE85005296 **13**-*530,159* PC **A02**/MF **A01**

PNL-SA-12298
Development and Evaluation of Supercritical Fluid Chromatography/Mass Spectrometry for Polar and High Molecular Weight Coal Components.
DE85000827 **07**-*515,623* PC **A02**/MF **A01**

PNL-SA-12304
Reference and Testing Materials Available from the Materials Characterization Center.
DE85004535 **11**-*525,093* PC **A02**/MF **A01**

PNL-SA-12310
Effects of alpha Irradiation on Barium Hollandite and Nickel-Iron Spinel.
DE85004552 **11**-*525,096* PC **A02**/MF **A01**

PNL-SA-12312
Distribution of Orally Administered and Chronically Fed / Sup 95M/Tc in Japanese Quail Tissues and Eggs.
DE85005805 **11**-*523,884* PC **A02**/MF **A01**

PNL-SA-12314
Self-Radiation Damage in Actinide Host Phases of Nuclear Waste Forms.
DE85004555 **11**-*525,098* PC **A02**/MF **A01**

PNL-SA-12315
Crack Tip Chemistry Modeling of Intergranular Stress Corrosion Cracks of Nickel Containing Segregated Phosphorus and Sulphur.
DE85010059 **17**-*538,238* PC **A03**/MF **A01**

PNL-SA-12320
Purpose of the Materials Characterization Center.
DE85004557 **11**-*525,100* PC **A02**/MF **A01**

PNL-SA-12321
Hot Cell Preparation of Approved Testing Materials for the Materials Characterization Center.
DE85004578 **11**-*525,101* PC **A02**/MF **A01**

PNL-SA-12322
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DE85004544 **10**-*522,690* PC **A02**/MF **A01**

PNL-SA-12323
Role of Statistics in Characterizing Nuclear Waste Package Behavior.
DE85006962 **13**-*530,050* PC **A02**/MF **A01**

PNL-SA-12324
Solubility Data for U(VI) Hydroxide and Np(IV) Hydrous Oxide: Application of MCC-3 Methodology.
DE85007765 **13**-*528,983* PC **A02**/MF **A01**

PNL-SA-12325
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DE85004529 **11**-*525,092* PC **A02**/MF **A01**

PNL-SA-12326
Test Methods to Predict Long-Term Corrosion of Container Materials in Repositories.
DE85004553 **11**-*525,097* PC **A02**/MF **A01**

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DE85006745 **13**-*529,813* PC **A02**/MF **A01**

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Some Data Manipulation Requirements for the Exploratory Analysis of Large Data Sets.
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PNL-SA-12345
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PNL-SA-12355
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DE85005293 **11**-*525,115* PC **A02**/MF **A01**

PNL-SA-12360
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Identification and Characterization of Watershed Models for Evaluation of Impacts of Climate Change on Hydrology.
DE85008575 **15**-*533,000* PC **A03**/MF **A01**

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Statistical Methods for Environmental Pollution Studies.
DE85005298 **22**-*550,634* PC **A02**/MF **A01**

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DE85001151 **09**-*520,815* PC **A21**/MF **A01**

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Portable Dose Equivalent Meter Based on Microdosimetry.
DE85003636 **09**-*519,961* PC **A02**/MF **A01**

PNL-SA-12409
Pocket Total Dose Meter.
DE85005288 **11**-*523,882* PC **A02**/MF **A01**

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Mutagenicity and Carcinogenicity of Polycyclic Aromatic Enriched Fractions from Coal Liquefaction Materials.
DE85000375 **04**-*508,677* PC **A02**/MF **A01**

PNL-SA-12414
Coincidence Techniques to Study Electron Emission in Ion-Atom Collisions.
DE85003635 **08**-*518,003* PC **A02**/MF **A01**

PNL-SA-12418
Evaluation of Analytical Results on DOE Quality Assessment Program Samples.
DE85007196 **13**-*530,166* PC **A02**/MF **A01**

PNL-SA-12423
Secondary Standards Laboratories for Ionizing Radiation Calibrations: The National Laboratory Interests.
DE85007046 **22**-*551,130* PC **A02**/MF **A01**

PNL-SA-12425
Estimated Cost of Stress Corrosion Cracking in Continuous Kraft Digesters Between 1980 and 1983 in the United States.
DE85002524 **06**-*513,586* PC **A02**/MF **A01**

PNL-SA-12426
Pipe to Pipe Impact.
DE85000368 **05**-*512,323* PC **A02**/MF **A01**

PNL-SA-12427
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DE85003637 **10**-*523,145* PC **A02**/MF **A01**

PNL-SA-12428
Handbook for Value-Impact Assessments of NRC Regulatory Actions.
DE85003643 **08**-*517,634* PC **A02**/MF **A01**

PNL-SA-12439
Current Practices in Environmental Radiological Surveillance at US Department of Energy Nuclear Facilities.
DE85006888 **13**-*530,162* PC **A02**/MF **A01**

PNL-SA-12441
Review of Standards and Guidelines Pertinent to DOE'S Remedial Action Programs.
DE85005289 **15**-*534,579* PC **A02**/MF **A01**

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Validation of Geochemical Models.
DE85000356 **04**-*508,907* PC **A02**/MF **A01**

PNL-SA-12443
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DE85005442 **11**-*525,121* PC **A02**/MF **A01**

PNL-SA-12444
Projectile Foundation Moment Generation.
DE85012459 **23**-*554,135* PC **A02**/MF **A01**

PNL-SA-12446
Transportation Dose Analysis Using an Interactive Menu-Driven Computer Program.
DE85005803 **12**-*527,769* PC **A02**/MF **A01**

PNL-SA-12449
Subsurface Monitoring Methods for Radioactive Waste Disposal or Storage Facilities.
DE85006091 **11**-*525,201* PC **A02**/MF **A01**

PNL-SA-12455
Investigation of Groundwater Seepage on the Hanford Shoreline of the Columbia River.
DE85006090 **11**-*525,200* PC **A02**/MF **A01**

PNL-SA-12456
Gasification of Biomass for the Production of Methanol and Ammonia.
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PNL-SA-12457
Role of Environments in Managing Data Analysis.
DE85000397 **04**-*508,103* PC **A02**/MF **A01**

PNL-SA-12464
Materials Considerations in Interim Storage of Spent Fuels.
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PNL-SA-12466
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PNL-SA-12471
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PNL-SA-12474
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DE85000396 **04**-*509,102* PC **A02**/MF **A01**

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Overview of NRC Funded NDE Research at US Pacific Northwest Laboratory.
DE85003117 **08**-*517,627* PC **A02**/MF **A01**

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Plutonium Interactions with Soil Microbial Metabolites: Effect on Plutonium Sorption by Soil.
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Federal Laboratory Research Benefitting the Pulp and Paper Industry.
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Overview Criteria for the Environmental, Safety and Health Evaluation of Remedial Action Project Planning.
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PNL-SA-12489
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DE85007506 **13**-*530,106* PC **A02**/MF **A01**

PNL-SA-12495
Coincidence Studies of Secondary Electron Emission in Light Ion-Atom Collisions.
DE85002373 **06**-*513,246* PC **A03**/MF **A01**

PNL-SA-12498
Ultrasonic Dispersion of Soils for Routine Particle Size Analysis: Recommended Procedures.
DE85005530 **12**-*526,866* PC **A02**/MF **A01**

PNL-SA-12500
Integration of Human Reliability Analysis into the Probabilistic Risk Assessment Process: Phase 1.
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PNL-SA-12501
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PNL-SA-12508
Transport Assessment - Arid: Measurement and Prediction of Water Movement Below the Root Zone.
DE85000834 **07**-*515,398* PC **A02**/MF **A01**

PNL-SA-12509
Development of HWVP Melter/Turntable Components for Canyon-Remote Maintenance and Replacement.
DE85010308 **18**-*541,541* PC **A02**/MF **A01**

PNL-SA-12512
Double Sampling as a Cost-Effective Method to Estimate Mean or Total Amounts of Radioactivity.
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PNL-SA-12518
Organic Complexant-Enhanced Mobility of Toxic Elements in Low-Level Wastes.
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PNL-SA-12522
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DE85000394 **04**-*510,045* PC **A02**/MF **A01**

PNL-SA-12523
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Synthesis and Molecular Structure of (Au3Ru4(Micron3-H)(CO)12(PPh3)3).
(AFOSR-TR-84-0896)
AD-A147 153/1 **02**-*503,499* PC **A02**/MF **A01**

The Synthesis and X-Ray Crystal Structure of the Hexanuclear Metal Cluster Complex (Ir3Pt3(mu-CO)3(CO)3(eta-C5Me5)3).
(AFOSR-TR-85-0541)
AD-A158 340/0 **25**-*557,882* PC **A02**/MF **A01**

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Proceedings of the Workshop on NDE of Polymers Held at Vimeiro, Portugal on 4-5 September 1984.
AD-A153 204/3 **15**-*534,058* PC **A14**/MF **A01**

BRITISH AEROSPACE AIRCRAFT GROUP, PRESTON (ENGLAND). WARTON DIV.

Flight Test of an Automatic Spin Prevention System.
AD-P004 099/8 **04**-*507,930* PC **A02**/MF **A01**

BRITISH AEROSPACE DYNAMICS GROUP, BRISTOL (ENGLAND). BRISTOL DIV.

BT-11241
Some Observations on Relative Approaches to Visual Acquisition Modeling.
AD-A153 446/0 **16**-*535,407* PC **A02**/MF **A01**

BRITISH AEROSPACE, WEYBRIDGE (ENGLAND).

Recent Progress on Development and Understanding of High Lift Systems.
AD-P004 052/7 **03**-*505,290* PC **A03**/MF **A01**

BRITISH ARMY ON THE RHINE, DETMOLD (GERMANY, F.R.). MEDICAL CENTRE DETMOLD.

Stressful Mission Profiles. Part 1.
AD-P003 955/2 **01**-*500,642* PC **A02**/MF **A01**

Stressful Mission Profiles. Part 2: Workload and Fatigue.
AD-P003 956/0 **01**-*500,372* PC **A02**/MF **A01**

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Selected Papers from the Annual Meeting of the British Association for the Advancement of Science Held at Norwich, England on September 10-14, 1984. Section A.
PB85-153187 **10**-*521,113* PC **E05**/MF **E05**

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PB85-153195 **09**-*518,478* PC **E06**/MF **E06**

Selected Papers from the Annual Meeting of the British Association for the Advancement of Science Held at Norwich, England on September 10-14, 1984. Section L.
PB85-153203 **10**-*521,139* PC **E06**/MF **E06**

Selected Papers from the Annual Meeting of the British Association for the Advancement of Science Held at Norwich, England on September 10-14, 1984. Section I.
PB85-153211 **09**-*518,479* PC **E06**/MF **E06**

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PB85-153229 **09**-*518,480* PC **E05**/MF **E05**

Selected Papers from the Annual Meeting of the British Association for the Advancement of Science Held at Norwich, England on September 10-14, 1984. Section X.
PB85-153237 **10**-*521,114* PC **E12**/MF **E12**

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PB85-153963 **09**-*518,481* PC **E12**/MF **E12**

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PB85-153971 **10**-*521,117* PC **E08**/MF **E08**

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PB85-153989 **09**-*518,482* PC **E11**/MF **E11**

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PB85-153997 **09**-*518,483* PC **E09**/MF **E09**

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PB85-154169 **09**-*518,484* PC **E06**/MF **E06**

Selected Papers from the Annual Meeting of the British Association for the Advancement of Science Held at Norwich, England on September 10-14, 1984. Section W.
PB85-154177 **09**-*518,384* PC **E04**/MF **E04**

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PB85-154185 **09**-*518,485* PC **E04**/MF **E04**

Selected Papers from the Annual Meeting of the British Association for the Advancement of Science Held at Norwich, England on September 10-14, 1984. Section B.
PB85-154193 **09**-*518,486* PC **E05**/MF **E05**

Selected Papers from the Annual Meeting of the British Association for the Advancement of Science Held at Norwich, England on September 10-14, 1984. Section G.
PB85-154599 **09**-*518,487* PC **E09**/MF **E09**

Selected Papers from the Annual Meeting of the British Association for the Advancement of Science Held at Norwich, England on September 10-14, 1984. Section V.
PB85-155091 **09**-*518,817* PC **E08**/MF **E08**

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PB85-156511 **09**-*518,488* PC **E10**/MF **E10**

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PB85-164382 **11**-*523,474* PC **E08**/MF **E08**

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PB85-164390 **11**-*523,475* PC **E12**/MF **E12**

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INIS-mf-9079
Submission to the Royal Commission on Health and Environmental Protection - Uranium Mining. Phase 7: Public and Worker Health.
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INIS-mf-9094
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DE85780135 **11**-*525,204* PC **A04**/MF **A01**

BRITISH COLUMBIA UNIV., VANCOUVER.

TRI-PP-84-51
Atomic Capture Ratios for Muons in Oxides.
DE85900295 **08**-*518,011* PC **A02**/MF **A01**

Quantitative Evaluation of Blood Loss during Excision and Grafting of Burn Wounds.
AD-P004 412/3 **12**-*526,411* PC **A02**/MF **A01**

BRITISH COLUMBIA UNIV., VANCOUVER. DEPT. OF CHEMISTRY.

Electronically Excited Atomic and Molecular Oxygen.
(AFOSR-TR-84-0904)
AD-A147 732/2 **04**-*508,729* PC **A02**/MF **A01**

Rate Constant for the Deactivation of O2(A3Sigma + u) by N2.
(AFOSR-TR-84-1037)
AD-A147 979/9 **04**-*508,748* PC **A02**/MF **A01**

On the Excitation of the Night Airglow on Earth, Venus and Mars.
(AFOSR-TR-84-1027)
AD-A148 018/5 **04**-*508,056* PC **A02**/MF **A01**

Orange Chemiluminescence from NO2.
(AFOSR-TR-84-1036)
AD-A148 153/0 **04**-*508,764* PC **A02**/MF **A01**

Quenching of 02(C(1) Summation from u to -)NU = o by O(P Orbital 3), 02(a(1) Delta sub g), and other Gases.
(AFOSR-TR-84-1035)
AD-A148 173/8 **04**-*508,771* PC **A02**/MF **A01**

Excitation of the Green Line in the Night Airglow.
(AFOSR-TR-84-1033)
AD-A148 178/7 **04**-*508,062* PC **A02**/MF **A01**

A Direct Determination of the Rate Constant for the Quenching of O(1)S) by O2(a Delta g).
(AFOSR-TR-84-1034)
AD-A148 274/4 **05**-*511,193* PC **A02**/MF **A01**

The Yield of O2(b1 Summation from g to +) in Oxygen Atom Recombination.
(AFOSR-TR-84-1032)
AD-A148 283/5 **05**-*511,196* PC **A02**/MF **A01**

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NP-4901593
Determination of the Likelihood of the Inflammation of Methane Atmospheres and/or Coal Dust Layers by Components of Mobile Diesel Powered Equipment Which Are Subject to Frictional or Impact Heating.
DE84901593 **16**-*535,938* PC **A04**/MF **A01**

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CONF-8405193-46
Invariant Observables in a Systematics of the (P, pi) Reaction.
DE85900286 **08**-*518,006* PC **A02**/MF **A01**

TRI-PP-84-46
Invariant Observables in a Systematics of the (P, pi) Reaction.
DE85900286 **08**-*518,006* PC **A02**/MF **A01**

TRI-PP-84-52
Atomic Capture and Density.
DE85900294 **08**-*518,010* PC **A02**/MF **A01**

BRITISH COLUMBIA UNIV., VANCOUVER. TRIUMF FACILITY.

CONF-820357-10
Unresolved Theoretical Problems.
DE84702855 **08**-*517,912* PC **A02**/MF **A01**

CONF-830455-14
Charge Exchange of Muons in Gases. Experimental Implications from Rate Theory.
DE85700037 **09**-*520,500* PC **A02**/MF **A01**

CONF-830455-15
Muonium Formation and the 'Missing Fraction' in Vapors.
DE85700038 **09**-*518,926* PC **A02**/MF **A01**

CONF-830455-16
Recent Results in Muonium Solution Kinetics.
DE85700041 **09**-*518,928* PC **A02**/MF **A01**

CONF-830822-52
Magnet Field Design Considerations for a High Energy Superconducting Cyclotron.
DE85780513 **15**-*534,832* PC **A02**/MF **A01**

CONF-831015-43
Photon Emission in Self-Quenching Streamer Chambers.
DE84900956 **03**-*506,986* PC **A02**/MF **A01**

CONF-840512-17
Estimating Maintenance Dose at a Meson Factory.
DE84901470 **01**-*502,241* PC **A02**/MF **A01**

CONF-840512-18
Safety Interlock System at TRIUMF.
DE84901471 **01**-*502,462* PC **A02**/MF **A01**

CONF-840789-6
Paris Potential Model Results for Proton-Proton Bremsstrahlung.
DE85900220 **10**-*523,031* PC **A02**/MF **A01**

CONF-840789-7
Search for Massive Neutrinos in the pi -e nu Decay.
DE85900289 **10**-*523,032* PC **A02**/MF **A01**

CONF-840916-5
Remote Machining and Robotic Welding in a Proton Cyclotron.
DE85900434 **09**-*520,300* PC **A02**/MF **A01**

CONF-840916-6
Rapid Transfer of Short-Lived Radioisotopes Via a 2.4 Km Rabbit System.
DE85900435 **10**-*521,505* PC **A02**/MF **A01**

CONF-841007-60
Barium Fluoride Crystals and Self-Quenching Streamer Chambers as a Position Sensitive gamma-Ray Detector.
DE85900431 **14**-*532,436* PC **A02**/MF **A01**

CONF-841117-49
H Exp - Cyclotrons for Radioisotope Production.
DE85900603 **14**-*532,622* PC **A02**/MF **A01**

CONF-850163-2
Relativistic Meson-Exchange NN-Interaction and Nuclear Matter in the Dirac-Brueckner Approach.
DE85901288 **18**-*541,811* PC **A02**/MF **A01**

CONF-850504-189
FASTBUS for the Particle Accelerator Laboratories.
DE85014352 **22**-*551,091* PC **A02**/MF **A01**

CONF-8306174-1
Valon-Recombination Description of Target Fragmentation in Deep-Inelastic mu p, nu p, Anti nu p Scattering.
DE85700072 **09**-*520,509* PC **A02**/MF **A01**

CONF-8404143-22
Plans for the Extraction of Intense Beams of H exp - Ions from the TRIUMF Cyclotron.
DE84901468 **01**-*502,461* PC **A02**/MF **A01**

CONF-8405193-41
TRIUMF KAON Factory.
DE84901557 **04**-*510,244* PC **A02**/MF **A01**

CONF-8405193-45
Monte Carlo Study of Contamination in the LESB1 Low Momentum Kaon Beam Line at Brookhaven.
DE84901558 **06**-*514,109* PC **A02**/MF **A01**

CONF-8405193-47
Pi /K Separation and Kaon Beam Designs.
DE85900225 **08**-*517,855* PC **A02**/MF **A01**

CONF-8410202-2
Bremsstrahlung and Radiative Processes at Medium Energies.
DE85900432 **14**-*532,660* PC **A02**/MF **A01**

CONF-8410203-1
Status and Recent Progress Toward the Extraction of H exp - Ions at TRIUMF.
DE85900433 **10**-*522,992* PC **A02**/MF **A01**

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DE85780858 **17**-*539,416* PC **A04**/MF **A01**

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DE85014352 **22**-*551,091* PC **A02**/MF **A01**

TRI-PP-80-34
Low Energy Consequences of Intermediate Mass Neutrinos in pi sub(L2) Decays, Solar Neutrino Fluxes and Neutrino Oscillations.
DE81700435 **20**-*546,604* MF **A01**

TRI-PP-81-1
Scattering of Positive Kaons by Nuclei.
DE81700465 **20**-*546,626* MF **A01**

TRI-PP-81-2
Search for Basic Properties of the Nucleon-Nucleon Interaction.
DE81700448 **20**-*546,617* PC **A02**/MF **A01**

TRI-PP-81-3
CP Violation, Flavour Violation and Fermion Mass Relations in Some Horizontal Gauge Theories.
DE81700436 **20**-*546,605* MF **A01**

TRI-PP-83-8
Two-Body Form Factors at High Q exp 2.
DE84702817 **08**-*517,881* PC **A03**/MF **A01**

TRI-PP-83-9
Jets and Quark Fragmentations in Higgs Boson Decays.
DE84702818 **08**-*517,882* PC **A03**/MF **A01**

TRI-PP-83-10
Information on Pion-Nucleus Optical Potentials from Elastic Scattering.
DE84702861 **08**-*517,917* PC **A02**/MF **A01**

TRI-PP-83-11
Large Angle Proton Emission in the sup 9 Be(p,2p) Reaction at 300 MeV.
DE84702883 **09**-*520,326* PC **A04**/MF **A01**

TRI-PP-83-12
Implications of the Non-Uniqueness in the Solution of the Gauge Identities for the Schwinger-Dyson Equation.
DE84702824 **08**-*517,887* PC **A02**/MF **A01**

TRI-PP-83-14
True Absorption and Scattering of 50 MeV Pions.
DE84702881 **05**-*512,486* PC **A02**/MF **A01**

TRI-PP-83-15
Electro-Disintegration of sup 2 H with Polarized Beam and Target.
DE84702863 **08**-*517,919* PC **A02**/MF **A01**

TRI-PP-83-16
Radiative Capture and Charge Exchange of Negative Pions on Protons at 27.4 and 39.3 MeV.
DE84702825 **08**-*517,888* PC **A02**/MF **A01**

TRI-PP-83-17
Unresolved Theoretical Problems.
DE84702855 **08**-*517,912* PC **A02**/MF **A01**

TRI-PP-83-18
Optical Model Analysis of Intermediate Energy p- sup 4 He Scattering.
DE84702862 **08**-*517,918* PC **A03**/MF **A01**

TRI-PP-83-51
Charge Exchange of Muons in Gases: 1. Kinetic Equations.
DE85700036 **09**-*520,499* PC **A02**/MF **A01**

TRI-PP-83-52
Charge Exchange of Muons in Gases. Experimental Implications from Rate Theory.
DE85700037 **09**-*520,500* PC **A02**/MF **A01**

TRI-PP-83-53
Muonium Formation and the 'Missing Fraction' in Vapors.
DE85700038 **09**-*518,926* PC **A02**/MF **A01**

TRI-PP-83-54
Formation and Reactivity of the mu exp + Molecular Ion NeMu exp + .
DE85700039 **09**-*518,927* PC **A02**/MF **A01**

TRI-PP-83-55
Wigner's Function and Other Distribution Functions in Mock Phase Spaces.
DE85700012 **09**-*520,647* PC **A03**/MF **A01**

TRI-PP-83-56
Differential Cross Section for Proton-Proton Elastic Scattering at 90 degrees C.M. Between 300 and 500 MeV.
DE85700074 **09**-*520,511* PC **A02**/MF **A01**

TRI-PP-83-57
Nucleon Axial Form Factor in Some Bag Models.
DE85700069 **09**-*520,507* PC **A02**/MF **A01**

TRI-PP-83-58
Muon Spin Rotation Studies Involving Muonium at High pH.
DE85700040 **20**-*544,971* PC **A02**/MF **A01**

TRI-PP-83-59
Recent Results in Muonium Solution Kinetics.
DE85700041 **09**-*518,928* PC **A02**/MF **A01**

TRI-PP-83-60
Electron Scavenger Effects on Diamagnetic Muon Fractions in C-Hexane.
DE85700042 **09**-*518,929* PC **A02**/MF **A01**

TRI-PP-83-61
Valon-Recombination Description of Target Fragmentation in Deep-Inelastic mu p, nu p, Anti nu p Scattering.
DE85700072 **09**-*520,509* PC **A02**/MF **A01**

TRI-PP-83-62
Magnet Field Design Considerations for a High Energy Superconducting Cyclotron.
DE85780513 **15**-*534,832* PC **A02**/MF **A01**

TRI-PP-83-63
TRIUMF Low Energy Pion Spectrometer and Channel.
DE85780525 **16**-*536,795* PC **A02**/MF **A01**

TRI-PP-83-106
Photon Emission in Self-Quenching Streamer Chambers.
DE84900956 **03**-*506,986* PC **A02**/MF **A01**

TRI-PP-84-25
Plans for the Extraction of Intense Beams of H exp - Ions from the TRIUMF Cyclotron.
DE84901468 **01**-*502,461* PC **A02**/MF **A01**

TRI-PP-84-30
TRIUMF KAON Factory.
DE84901557 **04**-*510,244* PC **A02**/MF **A01**

TRI-PP-84-32
Monte Carlo Study of Contamination in the LESB1 Low Momentum Kaon Beam Line at Brookhaven.
DE84901558 **06**-*514,109* PC **A02**/MF **A01**

TRI-PP-84-35
Safety Interlock System at TRIUMF.
DE84901471 **01**-*502,462* PC **A02**/MF **A01**

TRI-PP-84-36
Estimating Maintenance Dose at a Meson Factory.
DE84901470 **01**-*502,241* PC **A02**/MF **A01**

TRI-PP-84-41
Harmonic Expansions for (4+ K) Dimensional Rarita-Schwinger Fields on Coset Spaces and Effective Lagrangian in Four Dimensions.
DE85900218 **11**-525,507 PC **A02**/MF **A01**

TRI-PP-84-47
Pi /K Separation and Kaon Beam Designs.
DE85900225 **08**-517,855 PC **A02**/MF **A01**

TRI-PP-84-53
Neutron Beam Facility at TRIUMF.
DE85900293 **08**-517,856 PC **A02**/MF **A01**

TRI-PP-84-54
Detection Equipment for a Test of Charge Symmetry in n-p Elastic Scattering.
DE85900292 **08**-518,009 PC **A02**/MF **A01**

TRI-PP-84-55
Activation Measurements of the sup 7 Li(p,n) sup 7 Be Reaction from 60 to 480 MeV.
DE85900291 **08**-518,008 PC **A02**/MF **A01**

TRI-PP-84-59
Search for Muon Electron Conversion mu exp - + Ti Yields e exp - + Ti.
DE85900290 **08**-518,007 PC **A02**/MF **A01**

TRI-PP-84-60
Paris Potential Model Results for Proton-Proton Bremsstrahlung.
DE85900220 **10**-523,031 PC **A02**/MF **A01**

TRI-PP-84-74
Search for Massive Neutrinos in the pi -e nu Decay.
DE85900289 **10**-523,032 PC **A02**/MF **A01**

TRI-PP-84-93
Rapid Transfer of Short-Lived Radioisotopes Via a 2.4 Km Rabbit System.
DE85900435 **10**-521,505 PC **A02**/MF **A01**

TRI-PP-84-94
Remote Machining and Robotic Welding in a Proton Cyclotron.
DE85900434 **09**-520,300 PC **A02**/MF **A01**

TRI-PP-84-96
Status and Recent Progress Toward the Extraction of H exp - Ions at TRIUMF.
DE85900433 **10**-522,992 PC **A02**/MF **A01**

TRI-PP-84-98
H Exp - Cyclotrons for Radioisotope Production.
DE85900603 **14**-532,622 PC **A02**/MF **A01**

TRI-PP-84-100
Bremsstrahlung and Radiative Processes at Medium Energies.
DE85900432 **14**-532,660 PC **A02**/MF **A01**

TRI-PP-84-105
Barium Fluoride Crystals and Self-Quenching Streamer Chambers as a Position Sensitive gamma-Ray Detector.
DE85900431 **14**-532,436 PC **A02**/MF **A01**

TRI-PP-85-11
Relativistic Meson-Exchange NN-Interaction and Nuclear Matter in the Dirac-Brueckner Approach.
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BRITISH GAS CORP., LONDON (ENGLAND).

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DE85901119 **14**-531,991 PC **A02**/MF **A01**

BG-Trans-5779
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DE85900706 **14**-530,930 PC **A04**/MF **A01**

BG-Trans-5843
Symposium on Heat Pumps Per DIN 8900.
DE85900897 **13**-529,611 PC **A02**

BG-Trans-5869
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BG-Trans-6350
Unsteady Flows in the Gas Industry.
DE85901116 **15**-535,219 PC **A03**/MF **A01**

BG-Trans-6378
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DE85901121 **15**-534,154 PC **A02**/MF **A01**

BG-Trans-6381
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BG-Trans-6397
Operating Characteristics of Variable Speed Reciprocating Compressors for Heat Pumps with Specific Reference to the Performance of Their Valves.
DE85901120 **14**-531,992 PC **A02**/MF **A01**

BG-Trans-6413
Process for the Simultaneous Removal of H sub 2 S, SO sub 2 and Elementary Sulphur from Gas Mixtures.
DE85901129 **15**-535,221 PC **A02**/MF **A01**

BG-Trans-6414
Process for the Removal of CO sub 2 and Possibly H sub 2 S from Natural Gases.
DE85901127 **15**-535,220 PC **A02**/MF **A01**

BG-Trans-6415
Pressure Pyrolysis of Coal.
DE85901482 **25**-559,850 PC **A06**/MF **A01**

BG-Trans-6417
Method of Removing Hydrogen Sulphide from Gases.
DE85901195 **15**-534,184 PC **A02**/MF **A01**

BG-Trans-6438
Special Features of the Temperature Dependence of the Capillary Constant in the Vicinity of the Critical Point.
DE85901471 **24**-555,333 PC **A02**/MF **A01**

BG-Trans-6440
Method of Wet Oxidation Treatment of Waste Water.
DE85901525 **21**-548,558 PC **A02**/MF **A01**

BG-Trans-07073
Atmosphere at the Workplace and in Its Environment: Assessment of the Atmosphere in the Range of Tolerableness.
DE85902066 **26**-560,370 PC **A02**/MF **A01**

BG-Trans-07117
Determination of Limits of Flammability of Gases and Gas Mixtures in Air.
DE85902067 **26**-561,941 PC **A02**/MF **A01**

BG-Trans-07133
Process for the Removal of CO sub 2 and Possibly H sub 2 S from Natural Gases.
DE85902068 **25**-559,954 PC **A02**

BG-Trans-07177
Studies on the Degradation of Cokes in the Blast Furnace.
DE85902047 **26**-562,041 PC **A04**/MF **A01**

BGC/MRS/M-14929
Entrainment in Industrial Type Atmospheric Burners.
DE85902062 **25**-558,602 PC **A04**

BGC/MRS/M-14950
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DE85902060 **26**-562,042 PC **A02**/MF **A01**

BRITISH GAS CORP., NEWCASTLE-UPON-TYNE (ENGLAND). ENGINEERING RESEARCH STATION.

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N85-18324/2 **12**-527,492 PC **A02**/MF **A01**

ERS-E.327
Hydrogen Induced Cracking in Pipeline Steels.
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Perspectives to Establish Knowledge Linkages Between Acidic Deposition and Vegetation Responses.
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DE85012184 **22**-*551,352* PC **A02**/MF **A01**

BNL-36504
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BNL-36505
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BNL-36506
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BNL-36513
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BNL-36514
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BNL-36528
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DE85012178 **22**-*551,770* PC **A02**/MF **A01**

BNL-36530
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DE85012263 **22**-*549,798* PC **A02**/MF **A01**

BNL-36545
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DE85012187 **22**-*551,354* PC **A02**/MF **A01**

BNL-36546
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DE85012185 **22**-*551,353* PC **A02**/MF **A01**

BNL-36548
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DE85013301 **22**-*551,443* PC **A02**/MF **A01**

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DE85013280 **22**-*551,431* PC **A02**/MF **A01**

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DE85013304 **22**-*551,445* PC **A02**/MF **A01**

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DE85013285 **22**-*551,435* PC **A02**/MF **A01**

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DE85013282 **22**-*551,433* PC **A02**/MF **A01**

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BNL-36569
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DE85013305 **22**-*551,446* PC **A02**/MF **A01**

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DE85013289 **22**-*550,346* PC **A02**/MF **A01**

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DE85012260 **24**-*556,688* PC **A02**/MF **A01**

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DE85012272 **24**-*556,784* PC **A02**/MF **A01**

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BNL-36629
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PB85-117539 **03**-*506,030* PC **A02**/MF **A01**

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PB85-160802 **10**-*522,449* PC **A02**/MF **A01**

BUMINES-RI-8924
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PB85-193449 **18**-*540,512* PC **A03**/MF **A01**

BUMINES-RI-8926
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PB85-193605 **17**-*537,551* PC **A02**/MF **A01**

BUMINES-RI-8933
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BUMINES-RI-8935
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PB85-198885 **18**-*541,145* PC **A02**/MF **A01**

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PB85-185312 **16**-*536,144* PC **A02**/MF **A01**

BUMINES-OFR-94-85
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PB85-245686 **26**-*560,947* PC **A02**/MF **A01**

BUMINES-RI-8908
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PB85-135721 **05**-*511,385* PC **A02**/MF **A01**

BUMINES-RI-8922
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PB85-185254 **15**-*533,465* PC **A02**/MF **A01**

BUMINES-RI-8930
Hydrogen Chloride Sparging Crystallization of the Chloride Salts of Cobalt, Manganese, and Nickel.
PB85-197002 **17**-*537,719* PC **A03**/MF **A01**

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BUMINES-IC-8998
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PB85-169738 **12**-*526,852* PC **A02**/MF **A01**

BUMINES-RI-8904
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PB85-135119 **05**-*511,429* PC **A03**/MF **A01**

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PB85-185304 **16**-*535,942* PC **A02**/MF **A01**

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PB85-198562 **17**-*538,287* PC **A02**/MF **A01**

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PB85-185791 **15**-*533,735* PC **A02**/MF **A01**

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PB85-137628 **06**-*513,380* PC **A02**/MF **A01**

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PB85-193571 17-538,280 PC A02/MF A01

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(AID-PN-AAL-318)
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AD A155 568/9 **19**-542,722 PC **A02**/MF **A01**

The Influence of Murine Macrophage-Conditioned Medium on Cloning Efficiency, Antibody Synthesis, and Growth Rate of Hybridomas.
AD-A157 351/8 **23**-552,219 Not available NTIS

CALIFORNIA UNIV., OAKLAND. NAVAL BIOSCIENCES LAB.

Charactenzation of a New Calicivirus Isolated from feces of a Dog.
AD-A158 153/7 **24**-555,139 Not available NTIS

Immune Response to Plasmid- and Chromosome-Encoded Yersinia Antigens.
AD-A158 317/8 **25**-557,647 Not available NTIS

Principles of Preserving Bacteria by Freeze-Drying.
AD-A158 585/0 **25**-557,755 PC **A02**/MF **A01**

CALIFORNIA UNIV., RICHMOND. EARTHQUAKE ENGINEERING RESEARCH CENTER.

UCB/EERC-84/11
EAGD-84: A Computer Program for Earthquake Analysis of Concrete Gravity Dams.
(NSF/CEE-84022)
PB85-193613 **17**-538,662 PC **A05**/MF **A01**

UCB/EERC-84/12
Refined Physical Theory Model for Predicting the Seismic Behavior of Braced Steel Frames.
(NSF/CEE-84023)
PB85-191450 **16**-536,916 PC **A09**/MF **A01**

UCB/EERC-84/13
Earthquake Engineering Research at Berkeley - 1984.
(NSF/CEE-84024)
PB85-197341 **17**-538,666 PC **A10**/MF **A01**

UCB/EERC-84/14
Moduli and Damping Factors for Dynamic Analyses of Cohesionless Soils.
(NSF/CEE-84025)
PB85-191468 **16**-535,960 PC **A04**/MF **A01**

UCB/EERC-84/15
Influence of SPT (Standard Penetration Test) Procedures in Soil Liquefaction Resistance Evaluations.
(NSF/CEE-84026)
PB85-191732 **16**-535,961 PC **A04**/MF **A01**

UCB/EERC-84/16
Simplified Procedures for the Evaluation of Settlements in Sands Due to Earthquake Shaking.
(NSF/CEE-84027)
PB85-197887 **17**-537,871 PC **A03**/MF **A01**

CALIFORNIA UNIV., RICHMOND. WATER THERMAL AND CHEMICAL TECHNOLOGY CENTER.

NP-4901862
Saline Water Conversion Research. Progress Report, July 1, 1982-June 30, 1983.
DE84901862 **04**-508,709 PC **A04**/MF **A01**

Selenium Removal from Drinking Water by Ion Exchange.
(EPA/600/2-85/074)
PB85-216653 **20**-545,793 PC **A04**/MF **A01**

CALIFORNIA UNIV., RIVERSIDE.

Intergovernmental Regulatory Changes Under the Reagan Administration.
(NSF/SES-84001)
PB85-109767 **03**-505,511 PC **A18**/MF **A01**

Evaluation of Kinetic and Mechanistic Data for Modeling of Photochemical Smog.
PB85-116218 **05**-510,709 Not available NTIS

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DOE/PC/50797-T7
Novel Analytical Approaches to the Study of Coal Beneficiation. Quarterly Report.
DE84017396 **09**-520,785 PC **A02**/MF **A01**

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DE85004135 **12**-526,670 PC **A02**/MF **A01**

DOE/PC/50797-T9
Novel Analytical Approaches to Coal Beneficiation. Annual Report.
DE85006259 **12**-528,184 PC **A04**/MF **A01**

DOE/PC/50797-T10
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DE85010437 **18**-541,973 PC **A02**/MF **A01**

Interface of a Reverse-Phase High-Performance Liquid Chromatograph with a Diffuse Reflectance Fourier Transform Infrared Spectrometer.
(EPA/600/J-84/228)
PB85-160422 **11**-524,047 Not available NTIS

CALIFORNIA UNIV., RIVERSIDE. DEPT. OF PHYSICS.

CONF-841184-28
Peltier Heat of a Small Polaron in a Magnetic Semiconductor.
DE85000470 **11**-525,607 PC **A02**/MF **A01**

SAND-84-1464C
Peltier Heat of a Small Polaron in a Magnetic Semiconductor.
DE85000470 **11**-525,607 PC **A02**/MF **A01**

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DOE/ET/20023-T1
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DE85010048 **18**-540,020 PC **A11**/MF **A01**

Determination and Prediction of Chemical Forms of Trace Metals in Sewage Sludge and Sludge-Amended Soils.
(EPA/600/2-85/053)
PB85-197119 **17**-538,506 PC **A11**/MF **A01**

CALIFORNIA UNIV., RIVERSIDE. STATEWIDE AIR POLLUTION RESEARCH CENTER.

Atmospheric Photochemical Modeling of Turbine Engine Fuels. Phase I. Experimental Studies. Volume 2. Environmental Chamber Data Tabulations.
(AFESC/ESL-TR-84-32-VOL-2)
AD-A147 786/8 **04**-508,040 PC **A25**/MF **A01**

Atmospheric Photochemical Modeling of Turbine Engine Fuels. Phase I. Experimental Studies. Volume 1. Results and Discussion.
(AFESC/ESL-TR-84-32-VOL-1)
AD-A148 716/4 **06**-512,761 PC **A08**/MF **A01**

Outdoor Chamber Study to Test Multi-Day Effects. Volume 3. Documentation for Computer-Readable Environmental Chamber Data.
(EPA/DF-85/004C, EPA/600/3-84/115C)
PB85-161602 **13**-529,011 PC **A02**/MF **A01**

Outdoor Chamber Study to Test Multi-Day Effects. Volume 2. Environmental Chamber Data Tabulations.
(EPA/DF-85/004B, EPA/600/3-84/115B)
PB85-161610 **13**-529,012 PC **A99**/MF **E04**

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(EPA/DF-85/004A, EPA/600/3-84/115A)
PB85-161628 **13**-529,013 PC **A07**/MF **A01**

Formation and Fate of Toxic Chemicals in California's Atmosphere.
(ARB-R-85/239)
PB85-172609 **13**-528,423 PC **A05**/MF **A01**

Experimental Protocol for Determining Hydroxyl Radical Reaction Rate Constants for Organic Compounds: Estimation of Atmospheric Reactivity.
(EPA/600/3-85/058)
PB85-238558 **26**-560,525 PC **A04**/MF **A01**

Atmospheric Fates of Organic Chemicals: Prediction of Ozone and Hydroxyl Radical Reaction Rates and Mechanisms.
(EPA/600/3-85/063)
PB85-241529 **26**-560,547 PC **A05**/MF **A01**

Kinetics of the Reactions of Naphthalene and Bipheryl with OH Radicals and with O3 at 294 + or - 1 K.
(EPA/600/J-84/325)
PB85-243921 **26**-560,533 Not available NTIS

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CSI/85-01
Automation and Robotics for the National Space Program.
(NASA-CR-175881)
N85-27936/2 **20**-*547,185* PC **A07**/MF **A01**

NAS 1.26:173993
Large Scale Solar Modulation of 500 Mev/N Galactic Cosmic Rays Seen from 1-30 au.
(NASA-CR-173993)
N84-35283/0 **02**-*502,884* PC **A02**/MF **A01**

NAS 1.26:175881
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(NASA-CR-175881)
N85-27936/2 **20**-*547,185* PC **A07**/MF **A01**

Interactive Activation Model of Speech Perception.
AD-A148 593/7 **06**-*513,966* PC **A06**/MF **A01**

Asymptotic Normality, Strong Mixing and Spectral Density Estimates.
AD-A149 711/4 **09**-*519,440* PC **A02**/MF **A01**

Two-Dimensional Smoothing Spline and a Regression Problem.
AD-A149 824/5 **09**-*519,450* PC **A02**/MF **A01**

Factors Determining Tolerance to High Altitudes.
AD-A150 548/6 **10**-*521,641* PC **A02**/MF **A01**

Electromagnetic Induction by Ocean Currents and the Conductivity of the Oceanic Lithosphere.
AD-A151 078/3 **11**-*524,097* PC **A02**/MF **A01**

Strange Attractors in Fluid Dynamics.
AD-A151 591/5 **12**-*527,920* PC **A03**/MF **A01**

Research and Development on the Modification of Stroma-Free Hemoglobin for Use as a Blood Substitute.
AD-A151 674/9 **12**-*526,356* PC **A03**/MF **A01**

Vector Control of Snail-Transmitted Diseases.
(AID-PN-AAM-261)
PB85-147569 **08**-*516,229* PC **A03**/MF **A01**

CALIFORNIA UNIV., SAN DIEGO, LA JOLLA. CENTER FOR ASTROPHYSICS AND SPACE SCIENCES.

Further Ground-Based Studies of Sources from the AFGL (Air Force Geophysics Laboratory) Infrared Sky Survey.
(AFGL-TR-84-0114)
AD-A156 189/3 **21**-*547,235* PC **A06**/MF **A01**

CALIFORNIA UNIV., SAN DIEGO, LA JOLLA. CENTER FOR RESEARCH IN LANGUAGE.

ONR-2
TRACE Model of Speech Perception.
AD-A157 550/5 **23**-*552,163* PC **A05**/MF **A01**

CALIFORNIA UNIV., SAN DIEGO, LA JOLLA. DEPT. OF APPLIED MECHANICS AND ENGINEERING SCIENCES.

Mechanics of the Removal of Thickened Chemical Agents from Contaminated Surfaces by Wiping.
(ARO-17226.2-EG)
AD-A156 052/3 **21**-*547,747* PC **A05**/MF **A01**

CALIFORNIA UNIV., SAN DIEGO, LA JOLLA. DEPT. OF CHEMISTRY.

CASSCF (Complete Active Space Self Consistent Field) - Wave Packet AB initio Prediction of Electronic and Vibrational Spectra: Application to the (A(to the Second Power Pi) reversible reaction X (to the Second Power Sigma (+))) Absorption of C(2)H at 3000K.
AD-A155 769/3 **21**-*547,738* PC **A03**/MF **A01**

CALIFORNIA UNIV., SAN DIEGO, LA JOLLA. DEPT. OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES.

Research on Materials and Components for Opto-Electronic Signal Processing.
(AFOSR-TR-84-0823)
AD-A145 808/2 **01**-*502,604* PC **A03**/MF **A01**

Characterization of Surface Electronic Properties of Semi-Insulating InP.
AD-A146 553/3 **01**-*502,626* PC **A02**/MF **A01**

Calculation of Cumulative Distributions and Detection Probabilities in Communications and Optics.
(AFOSR-TR-84-0950)
AD-A147 781/9 **04**-*509,162* PC **A03**/MF **A01**

Spectral Density Estimation for Stationary Stable Processes.
(AFOSR-TR-84-1053)
AD-A148 007/8 **04**-*509,498* PC **A03**/MF **A01**

Surface and Interfacial Properties of Ga(0.47)In(0.53)As Alloys.
AD-A148 891/5 **07**-*515,583* PC **A03**/MF **A01**

Properties of Chirped Grating Lenses in Optical Waveguides.
(AFOSR-TR-84-1219)
AD-A150 023/0 **09**-*520,229* PC **A02**/MF **A01**

Evaluation Radar Detection Probabilities by Steepest Decent Integration.
(AFOSR-TR-85-0265)
AD-A151 920/6 **13**-*529,967* PC **A02**/MF **A01**

Surface and Interfacial Properties of Ga0.47In0.53As Alloys.
AD-A157 343/5 **23**-*554,160* PC **A02**/MF **A01**

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Non-Gaussian Linear Processes, Phase and Deconvolution.
AD-A149 256/0 **08**-*516,664* PC **A02**/MF **A01**

CALIFORNIA UNIV., SAN DIEGO, LA JOLLA. DEPT. OF PHYSICS.

DOE/ER/10936-T3
High Pressure Superconducting Behavior of the Stage-1 Alkali Metal-Graphite Intercalation Compounds RbC sub 8 and CsC sub 8.
DE85004352 **09**-*520,742* PC **A02**/MF **A01**

CALIFORNIA UNIV., SAN DIEGO, LA JOLLA. INST. FOR COGNITIVE SCIENCE.

ICS-8503
Direct Manipulation Interfaces.
AD-A156 761/9 **22**-*550,202* PC **A03**/MF **A01**

ICS-8504
User Understanding.
AD-A157 155/3 **23**-*552,191* PC **A02**/MF **A01**

Human Cognition and Performance.
AD-A157 685/1 **23**-*552,205* PC **A06**/MF **A01**

CALIFORNIA UNIV., SAN DIEGO, LA JOLLA. INST. FOR PURE AND APPLIED PHYSICAL SCIENCES.

CONF-841184-19
Low Temperature Properties of CeOs sub 2 in the C14 and C15 Crystallographic Laves Phases.
DE85003754 **09**-*520,734* PC **A02**/MF **A01**

LA-UR-84-3487
Low Temperature Properties of CeOs sub 2 in the C14 and C15 Crystallographic Laves Phases.
DE85003754 **09**-*520,734* PC **A02**/MF **A01**

Instrumentation for Particle-Beams Research Using Laser Excited Merging Beams.
(AFOSR-TR-84-1067)
AD-A147 968/2 **04**-*508,744* PC **A02**/MF **A01**

Instrumentation for Particle-Beams Research Using Laser Excited Merging Beams.
(AFOSR-TR-85-0373)
AD-A154 155/6 **17**-*538,674* PC **A02**/MF **A01**

CALIFORNIA UNIV., SAN DIEGO, LA JOLLA. INST. OF GEOPHYSICS AND PLANETARY PHYSICS.

Resonant Motion of a Spherical Pendulum.
AD-A146 515/2 **01**-*502,598* PC **A02**/MF **A01**

Resonantly Forced Motion of Two Quadratically Coupled Oscillators.
AD-A148 413/8 **05**-*512,512* PC **A02**/MF **A01**

On the Electromagnetic Fields Induced by Oceanic Internal Waves.
AD-A150 895/1 **11**-*524,075* PC **A02**/MF **A01**

Nonlinear Faraday Resonance.
AD-A151 589/9 **12**-*527,918* PC **A02**/MF **A01**

On Damped Resonant Interactions.
AD-A151 590/7 **12**-*527,919* Not available NTIS

Parametrically Excited Solitary Waves.
AD-A153 637/4 **16**-*536,741* PC **A02**/MF **A01**

Resonantly Forced Surface Waves in a Circular Cylinder.
AD-A153 738/0 **16**-*536,743* PC **A02**/MF **A01**

Tomographic Maps of the Ocean Mesoscale. Part 1. Pure Acoustics.
AD-A156 928/4 **22**-*550,152* Not available NTIS

Surface Waves in Basins of Variable Depth.
AD-A157 051/4 **23**-*552,656* PC **A02**/MF **A01**

Resonantly Forced, Nonlinear Gravity Waves in a Shallow Rectangular Tank.
AD-A157 381/5 **23**-*554,190* PC **A02**/MF **A01**

Resonantly Forced Rossby Waves.
AD-A158 122/2 **24**-*555,362* PC **A02**/MF **A01**

CALIFORNIA UNIV., SAN DIEGO, LA JOLLA. INST. OF MARINE RESOURCES.

DOE/ER/60031-T1
Research on the Marine Food Chain. Final Technical Report.
DE85013666 **26**-*560,550* PC **A15**/MF **A01**

CALIFORNIA UNIV., SAN DIEGO, LA JOLLA. INTERACTIVE TECHNOLOGY LAB.

1
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AD-A154 971/6 **18**-*539,970* PC **A02**/MF **A01**

CALIFORNIA UNIV., SAN FRANCISCO.

NAS 1.26:175637
Alterations in Gut Transport of Minerals and in Binding Proteins During Simulated Weightlessness.
(NASA-CR-175637)
N85-24709/6 **17**-*537,581* PC **A02**/MF **A01**

Separation of Poly (ADP-Ribose) by High Performance Liquid Chromatography.
(AFOSR-TR-84-1142)
AD-A148 798/2 **06**-*513,232* PC **A02**/MF **A01**

A Proposed Radix- and Word-Length-Independent Standard for Floating-Point Arithmetic.
AD-A152 419/8 **14**-*531,665* PC **A02**/MF **A01**

Molecular Toxicology of Chromatin: The Role of Poly(ADP-Ribose) in Gene Control.
(AFOSR-TR-85-0467)
AD-A154 415/4 **17**-*537,586* PC **A07**/MF **A01**

Prospective Randomized Trial of Naloxone versus Dopamine as Adjunctive Therapy for Bacteremic Shock.
AD-A157 721/2 **24**-*555,156* PC **A02**/MF **A01**

Monitoring of Lymphocyte Function.
AD-P004 422/2 **12**-*526,420* PC **A02**/MF **A01**

Current Methods for Improving Wound Healing.
AD-P004 428/9 **12**-*526,561* PC **A02**/MF **A01**

NMR (Nuclear Magnetic Resonance) Imaging of Human Coronary Arteries.
PB85-152809 **09**-*518,676* PC **A03**/MF **A01**

Grandparents' Role in the Divorce Process.
(NIMH-84-460)
PB85-153260 **09**-*518,598* PC **A03**/MF **A01**

Changes in the Use of Medical Technologies, 1972-82: A Study of Ten Inpatient Diagnoses. Executive Summary.
(NCHSR-85-66)
PB85-183929 **15**-*533,328* PC **A02**/MF **A01**

Evaluation of the Cancer Information Service: Implications for Health Behavior and Health Services Research. Executive Summary.
(NCHSR-85-65)
PB85-183937 **15**-*533,329* PC **A02**/MF **A01**

CALIFORNIA UNIV., SAN FRANCISCO. AGING HEALTH POLICY CENTER.

Comparative Study of Long Term Care in Eight States.
PB85-203768 **18**-*540,101* PC **A04**/MF **A01**

Arthritis Policy and the Elderly.
SHR-0011725 **01**-*500,714* PC **A04**/MF **A01**

Nutrition Policy and the Elderly.
SHR-0011729 **05**-*511,075* PC **A03**/MF **A01**

Drugs and the Elderly.
SHR-0011730 **01**-*500,824* PC **A09**/MF **A01**

State and Area Agency Instructional Guide for Alzheimer's Disease Family Support Groups.
SHR-0011746 **02**-*503,143* PC **A02**/MF **A01**

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Inhibition of Carcinogen-Induced Cellular Transformation of Human Fibroblasts by Drugs that Interact with the Poly(ADP-Ribose) Polymerase System.
(AFOSR-TR-85-0450)
AD-A154 615/9 **18**-*540,179* PC **A02**/MF **A01**

CALIFORNIA UNIV., SAN FRANCISCO. SCHOOL OF MEDICINE.

High Cost of Dying - What Do the Data Show.
HRP-0906559/0 **24**-*555,042* PC **A03**/MF **A01**

Readjustment of Older Persons After Acute Hospitalization.
(NIMH-85-465)
PB85-147494 **07**-*514,597* PC **A04**/MF **A01**

Evaluation of Utilization Patterns of Physicians' Practice Arrangements.
(ASPE/H/P-2107-82-13)
PB85-173490 **14**-*531,267* PC **A11**/MF **A01**

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(NIMH-85-498)
PB85-249712 **25**-*557,690* PC **A17**/MF **A01**

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Charm Photoproduction Results from Fermilab E-516.
DE85005349 **11**-*525,477* PC **A02**/MF **A01**

NAS 1.26:177346
Application of Artificial Intelligence Techniques to Large Distributed Networks.
(NASA-CR-177346)
N85-30721/3 **22**-*550,252* PC **A02**/MF **A01**

Unitarily Invariant Generalized Matrix Norms and Hadamard Products.
(AFOSR-TR-85-0115)
AD-A150 930/6 **11**-*524,534* PC **A02**/MF **A01**

Design of Micelles as Dephosphorylating Agents.
(ARO-18290.12-CH)
AD-A155 589/5 **19**-*543,722* PC **A02**/MF **A01**

Four Methodological Assumptions in Risk-Cost-Benefit Analysis.
(NSF/PRA-83033)
PB85-119063 **04**-*508,169* PC **A12**/MF **A01**

CALIFORNIA UNIV., SANTA BARBARA. DEPT. OF CHEMISTRY.

15
Enhancement of Molecular Fluorescence and Photochemistry by Small Metal Particles.
AD-A152 740/7 **14**-*531,483* PC **A03**/MF **A01**

DOE/ER/70262-T1
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DE85000207 **05**-*512,560* PC **A03**/MF **A01**

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DE85000811 **07**-*515,622* PC **A03**/MF **A01**

TR-7
The Role of Electron-Hole Pair Excitations in Desorption Dynamics.
AD-A152 972/6 **15**-*533,494* PC **A02**/MF **A01**

TR-8
The Use of an Independent Boson Model to Study the Dynamic Effects of Electron Excitations by a Particle Colliding with a Metal Surface.
AD-A152 886/8 15-533,491 PC A02/MF A01

TR-9
Quantum Noise in Langevin Descriptions.
AD-A152 974/2 15-533,495 PC A02/MF A01

TR-10
The Electromagnetic Theory of Surface Enhanced Spectroscopy.
AD-A152 727/4 14-531,481 PC A03/MF A01

TR-11
Description of Quantum Noise by a Langevin Equation.
AD-A152 885/0 15-533,490 PC A02/MF A01

TR-12
Simple Phenomenological Model for the Interpretation of Ion Neutralization Spectra.
AD-A152 707/6 14-531,478 PC A03/MF A01

TR-13
Mean Trajectory Approximation for Charge and Energy Transfer Processes at Surfaces.
AD-A152 708/4 14-531,479 PC A04/MF A01

TR-14
Examination of the Use of Wave Packets for the Calculation of Atom Diffraction by Surface.
AD-A152 760/5 15-533,480 PC A03/MF A01

TR-16
Temperature Dependence of Diffracted Beam Intensities in Atom-Surface Scattering.
AD-A152 762/1 15-533,481 PC A03/MF A01

TR-17
Strategy for Time Dependent Quantum Mechanical Calculations Using a Gaussian Wave Packet Representation of the Wave Function.
AD-A152 709/2 14-532,682 PC A04/MF A01

TR-18
Numerical Study of the Mean Trajectory Approximation in a Non-Adiabatic Process.
AD-A152 763/9 15-533,482 PC A04/MF A01

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(ARO-18290.9-CH)
AD-A151 403/3 12-526,648 Not available NTIS

Electrochemical Processes at Well-Defined Surfaces.
(AFOSR-TR-85-0338)
AD-A152 962/7 15-533,493 PC A02/MF A01

The Orientation and Electrochemical Oxidation of Hydroquinone Chemisorbed on Platinum Electrodes in Various Weakly Surface-Active Supporting Electrolytes.
(AFOSR-TR-85-0333)
AD-A152 975/9 15-533,496 PC A02/MF A01

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(AFOSR-TR-85-0340)
AD-A153 061/7 15-533,508 PC A02/MF A01

Formation of Vertically Oriented Aromatic Molecules Chemisorbed on Platinum Electrodes: The Effect of Surface Pretreatment with Flat Oriented Intermediates.
(AFOSR-TR-85-0330)
AD-A153 078/1 15-533,511 PC A02/MF A01

Adsorption of Aromatic Compounds at Platinum Electrodes. A Comparative Study Illustrating the Deficiencies of Adsorption Measurements Based on Hydrogen Codeposition or Anodic Oxidation.
(AFOSR-TR-85-0341)
AD-A153 137/5 15-533,517 PC A02/MF A01

Studies of Eletrodeposition of Silver on an Iodine-Pretreated Stepped Surface: Pt(S)(6(111)X(111)).
(AFOSR-TR-85-0334)
AD-A153 197/9 15-533,524 PC A02/MF A01

Influence of Temperature on the Electrocatalytic Oxidation of Aromatic Compounds Adsorbed on Platinum.
(AFOSR-TR-85-0332)
AD-A153 259/7 15-533,532 PC A02/MF A01

Reaction of Bis(2,4-Dinitrophenyl) Phosphate with Hydrophobic Ammonium Ions.
(ARO-18290.10-CH)
AD-A153 273/8 15-533,534 Not available NTIS

Preparation of Well-Defined Surfaces at Atmospheric Pressure: Studies of Structural Transformations of I, Ag-Adlattices on Pt(111) by Leed and Electrochemistry.
(AFOSR-TR-85-0335)
AD-A153 405/6 16-535,801 PC A02/MF A01

Preparation of Well-Defined Surfaces at Atmospheric Pressure: Studies by Electrochemistry and LEED of Pt(100) Pretreated with Iodine.
(AFOSR-TR-85-0364)
AD-A153 867/7 16-535,833 PC A02/MF A01

Adsorption and Orientation of Aromatic Compounds at Smooth Polycrystalline Platinum Electrodes.
(AFOSR-TR-85-0339)
AD-A158 123/0 24-555,285 PC A02/MF A01

Synthesis, Structure and Reactivity of Molecules Attached to Electrode Surfaces.
(AFOSR-TR-85-0627)
AD-A158 621/3 25-557,938 PC A03/MF A01

Surface Coordination Chemistry of Platinum Studies by Thin-Layer Electrodes. Adsorption, Orientation, and Mode of Binding of Aromatic and Quinonoid Compounds.
(AFOSR-TR-85-0521)
AD-A158 791/4 25-557,946 PC A02/MF A01

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(R/D-4380-R-AN)
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Use of Parallel Computation for Finite Element Calculations.
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AD-A148 610/9 06-513,556 PC A09/MF A01

TR-18
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TR-19
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(AFOSR-TR-85-0393)
AD-A154 122/6 17-538,220 PC A05/MF A01

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DE85004642 09-518,477 PC A04/MF A01

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PB85-235273 23-553,629 PC A10/MF A01

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Nonlinear 0-1 Programming: I. Linearization Techniques. Revision.
AD-A150 960/3 11-524,565 PC A03/MF A01

MSRR-467(R)B
Nonlinear 0-1 Programming: II. Dominance Relations and Algorithms. Revision.
AD-A150 659/1 11-524,563 PC A03/MF A01

MSRR-501
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AD-A145 786/0 01-501,665 PC A03/MF A01

MSRR-504
Large Matchings and Cycles in Sparse Random Graphs.
AD-A149 194/3 08-516,927 PC A03/MF A01

MSRR-510
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MSRR-511
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MSRR-512
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MSRR-517
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WP-20-80-81-1
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CMU-RI-TR-84-16
Dynamic Visual Servo Control of Robots: An Adaptive Image-Based Approach.
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CMU-RI-TR-84-17
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CMU-RI-TR-84-18
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CMU-RI-TR-84-21
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CEA-CONF-6694
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DE85752371 25-558,113 PC A03

CONF-8304105-7
Improvement of the Energy Resolution of a TOF Neutron Spectrometer by Using a High Energy RF Buncher.
DE84780405 01-502,164 PC A02/MF A01

CONF-8305152-13
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DE84751384 03-506,802 PC A02/MF A01

CONF-8309203-1
Radiation Effects in Semiconductors: Technologies for Hardened Integrated Circuits.
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Microscopic Analysis of Collective Dynamics in Low Energy Fission.
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CEA-CONF-6676
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CONF-8402150-1
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CONF-8409145-6
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DE85752078 26-560,943 PC A02/MF A01

CONF-8409239-1
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DE85752045 **26**-*561,306* PC **A02**/MF **A01**

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CEA-CONF-7153
Shielding Design Method for LMFBR Validation on the Phenix Factor.
(-CONF--830538--29)
DE84751862 **10**-*522,658* PC **A02**/MF **A01**

CEA-CONF-7154
International LMFBR Shielding Benchmark Intercomparison and Analysis.
(-CONF--830538--30)
DE84751863 **10**-*522,659* PC **A02**/MF **A01**

CEA-CONF-7155
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DE84751859 **10**-*522,657* PC **A02**/MF **A01**

CEA-CONF-7156
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(-CONF--8305156--2)
DE84751752 **05**-*512,313* PC **A02**/MF **A01**

CEA-CONF-7157
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(-CONF--8306206--1)
DE84751751 **05**-*512,370* PC **A04**/MF **A01**

CEA-CONF-7201
Cultivation of Micro-Algae in Closed Tubular Reactor.
DE85752293 **25**-*558,348* PC **A03**/MF **A01**

CEA-CONF-7208
French LMFBR'S Control Rods Experience and Development.
(-DRNR-P---272)
DE85780705 **17**-*539,144* PC **A02**/MF **A01**

CEA-CONF-7212
Description and Comparison of Core Instrumentation and Control of French PWR and LMFBR.
(-DRNR-P---273)
DE85780706 **17**-*539,145* PC **A03**/MF **A01**

CEA-CONF-7225
Low and Medium Level and Transuranic Waste Characterization: CEA Objectives and Experience.
DE85750672 **17**-*539,022* PC **A02**/MF **A01**

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Gamma Radiolysis of Glucose and Relative Compounds. A Spin-Trapping Study.
DE85751155 **25**-*558,021* PC **A02**/MF **A01**

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DE85750952 **20**-*544,924* PC **A03**/MF **A01**

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CEA-R-5251
Experimental Absorption and Desorption Study on a Combination of sup 60 Co, sup 51 Cr, sup 137 Cs, sup 54 Mn and sup 22 Na in the Carp (Cyprinus Carpio L.).
DE85750021 **15**-*533,439* PC **A04**/MF **A01**

CEA-R-5268
Model for Cesium 137 Transfer in the Compartments of a Simplified Fresh Water Ecosystem.
DE85780687 **17**-*539,075* PC **A09**/MF **A01**

CONF-830538-28
Adjusted LMFBR Shielding Formulaire PROPANE. Performance and Validation of Version 1. Experimental Program Jason for Version 2.
DE84751859 **10**-*522,657* PC **A02**/MF **A01**

CONF-830651-1
French LMFBR'S Control Rods Experience and Development.
(-DRNR-P---272)
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CONF-840199-1
Microalgae and "In Vitro" Plant Cells for the Photosynthetic Production of Chemical Products.
DE85752292 **25**-*557,633* PC **A02**/MF **A01**

CONF-840307-50
Low and Medium Level and Transuranic Waste Characterization: CEA Objectives and Experience.
DE85750672 **17**-*539,022* PC **A02**/MF **A01**

CONF-8310339-1
Description and Comparison of Core Instrumentation and Control of French PWR and LMFBR.
(-DRNR-P---273)
DE85780706 **17**-*539,145* PC **A03**/MF **A01**

CONF-8311259-1
Cultivation of Micro-Algae in Closed Tubular Reactor.
DE85752293 **25**-*558,348* PC **A03**/MF **A01**

CONF-8405282-1
Direct Bioconversion of Solar Energy into Organic Chemicals.
DE85750952 **20**-*544,924* PC **A03**/MF **A01**

CONF-8406258-2
Gamma Radiolysis of Glucose and Relative Compounds. A Spin-Trapping Study.
DE85751155 **25**-*558,021* PC **A02**/MF **A01**

DRNR-P-267
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(-CONF--830538--29)
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DRNR-P-268
International LMFBR Shielding Benchmark Intercomparison and Analysis.
(-CONF--830538--30)
DE84751863 **10**-*522,659* PC **A02**/MF **A01**

DRNR-P-270
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(-CONF--8305156--2)
DE84751752 **05**-*512,313* PC **A02**/MF **A01**

DRNR-P-271
Interpretation of Experiments Made in ZEBRA CADENZA Assemblies with CEA Formulary.
(-CONF--8306206--1)
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CEA CENTRE D'ETUDES NUCLEAIRES DE FONTENAY-AUX-ROSES (FRANCE).

CEA-BIB-239
Comparative Analysis of Diffusion and Transport Models Applying to Releases in the Marine Environment.
DE85780690 **17**-*539,076* PC **A08**/MF **A01**

CEA-CONF-6964
Evidence and Consequences of Inner Sphere Hydrogen Bonding Between Ligands in Some Mixt Complexes of Actinide and Lanthanide.
DE84750649 **02**-*503,585* PC **A02**/MF **A01**

CEA-CONF-6965
Recent Progress in Actinide and Lanthanide Solvent Extraction.
DE84750660 **02**-*504,730* PC **A02**/MF **A01**

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DE84751860 **10**-*522,792* PC **A02**/MF **A01**

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(-CONF--830103--48)
DE84751861 **10**-*522,862* PC **A02**/MF **A01**

CEA-CONF-7206
Experimental Techniques for the Study of Radiation Damage in Metals and Alloys.
DE84752015 **05**-*511,688* PC **A02**/MF **A01**

CEA-CONF-7209
Source Terms Associated with Two Severe Accident Sequences in a 900 MWe PWR.
(-DAS---44)
DE85780708 **17**-*539,147* PC **A02**/MF **A01**

CEA-CONF-7210
Decay Heat Removal System Requiring No External Energy.
(-DAS---45)
DE85780707 **17**-*539,146* PC **A02**/MF **A01**

CEA-CONF-7211
Safety Analysis of LWR Irradiated Fuel Element Pool Storages Before Reprocessing.
(-DAS---55)
DE85780710 **16**-*536,637* PC **A05**/MF **A01**

CEA-CONF-7213
JERICHO Computer Code: PWR Containment Response During Severe Accidents Description and Sensitivity Analysis.
(-DAS---47)
DE85780709 **17**-*538,940* PC **A03**/MF **A01**

CEA-CONF-7242
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(-DAS---17)
DE85750639 **17**-*539,066* PC **A02**/MF **A01**

CEA-CONF-7246
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DE85780729 **16**-*536,638* PC **A02**/MF **A01**

CEA-CONF-7251
Synthesis and Structure of (C Sub 2 H sub 5) sub 4 NUO sub 2 (N Sub 3) sub 3.
DE85780681 **15**-*533,582* PC **A02**/MF **A01**

CEA-CONF-7252
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DE85780683 **15**-*533,462* PC **A02**/MF **A01**

CEA-CONF-7253
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DE85780682 **15**-*533,461* PC **A02**/MF **A01**

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DE85750648 **15**-*533,460* PC **A02**/MF **A01**

CEA-CONF-7364
Radiation Damage in Boron Carbide: Swelling and Microcracking.
DE85751187 **25**-*558,376* PC **A02**/MF **A01**

CEA-CONF-7390
Semimetallic Behaviour of SmS at High Pressure.
DE85751301 **21**-*549,167* PC **A02**/MF **A01**

CEA-CONF-7392
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DE85751188 **25**-*559,814* PC **A02**/MF **A01**

CEA-CONF-7418
Chemistry of Actinides and Lanthanides. New Extractants and Separation Methods.
DE85751945 **25**-*559,166* PC **A03**/MF **A01**

CEA-CONF-7434
Microstructural Information from Channeling Measurements.
DE85780914 **20**-*546,488* PC **A02**/MF **A01**

CEA-CONF-7472
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DE85751989 **25**-*559,325* PC **A02**/MF **A01**

CEA-CONF-7479
Fluorescence Emission by Molecular Impurities in Irradiated and Non-Irradiated Silica.
DE85752056 **26**-*561,519* PC **A02**/MF **A01**

CEA-CONF-7486
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DE85752053 **26**-*560,892* PC **A02**/MF **A01**

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Determination of Hydrazoic Acid in the Solutions of the Purex Process.
DE85752060 **26**-*561,486* PC **A02**/MF **A01**

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DE85752062 **26**-*561,423* PC **A02**/MF **A01**

CEA-N-2339
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DE84780421 **01**-*501,518* PC **A04**/MF **A01**

CEA-N-2341-Pt.2
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DE84751374 **02**-*504,778* PC **A07**/MF **A01**

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DE84751372 **04**-*510,103* PC **A04**/MF **A01**

CEA-R-5214
Selective Determination of Plutonium and Transplutonic Elements (Am, Cm) in Feces Ashes.
DE84780423 **01**-*501,064* PC **A03**/MF **A01**

CEA-R-5221
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DE84780426 **01**-*502,637* PC **A12**/MF **A01**

CEA-R-5257
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DE85750022 **17**-*539,274* PC **A09**/MF **A01**

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Ventilation of a Nuclear Space: Modelling, Experimental Validation and Consequences.
DE85780686 **17**-*538,396* PC **A11**/MF **A01**

CEA-R-5262
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DE85780689 **17**-*537,577* PC **A08**/MF **A01**

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DE85780691 **17**-*537,834* PC **A04**/MF **A01**

CEA-R-5267
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DE85750926 **16**-*536,577* PC **A05**/MF **A01**

CEA-R-5269
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DE85750924 **17**-*538,880* PC **A04**/MF **A01**

CEA-R-5270
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DE85751195 **25**-*559,323* PC **A10**/MF **A01**

CEA-R-5276
Quick Evaluation of the Neutron Dose Following a Criticality Accident by Measurement of Sodium 24 Activity.
DE85751198 **25**-*559,209* PC **A03**/MF **A01**

CEA-R-5282
Transfer of SO sub 2 and Effects on Plants.
DE85751221 **21**-*547,714* PC **A03**/MF **A01**

CEA-R-5292
Electron Microscopy of Some Irradiated Solids.
DE85751996 **25**-*558,453* PC **A05**/MF **A01**

CEA-R-5293
Definition of Quality Criterions for the Test of Software Used in gamma Spectrometry: Identification and Dosage of Radionuclides in a Complex Mixture.
DE85751997 **25**-*558,993* PC **A04**/MF **A01**

CONF-830103-47
Synthesis of Clad Motion Experiments Interpretation: Codes and Validation.
DE84751860 **10**-*522,792* PC **A02**/MF **A01**

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CONF-830816-54
Decay Heat Removal System Requiring No External Energy.
(-DAS---45)
DE85780707 **17**-*539,146* PC **A02**/MF **A01**

CONF-830816-55
Source Terms Associated with Two Severe Accident Sequences in a 900 MWe PWR.
(-DAS---44)
DE85780708 **17**-*539,147* PC **A02**/MF **A01**

CONF-830948-1
Safety Analysis of LWR Irradiated Fuel Element Pool Storages Before Reprocessing.
(-DAS---55)
DE85780710 **16**-*536,637* PC **A05**/MF **A01**

CONF-840802-27
Fast Breeder Reactor Fuel Reprocessing in France.
DE85751989 **25**-*559,325* PC **A02**/MF **A01**

CONF-840872-34
Fluorescence Emission by Molecular Impurities in Irradiated and Non-Irradiated Silica.
DE85752056 **26**-*561,519* PC **A02**/MF **A01**

CONF-840876-5
Semimetallic Behaviour of SmS at High Pressure.
DE85751301 **21**-*549,167* PC **A02**/MF **A01**

CONF-840876-7
Radiation Damage in SmS, SmSsub(1-X)Psub(X) and SmB sub 6.
DE85751188 **25**-*559,814* PC **A02**/MF **A01**

CONF-841014-3
Gas Adsorption During Storage of Plutonium Dioxide Powders.
DE85752062 **26**-*561,423* PC **A02**/MF **A01**

CONF-8304147-2
Evidence and Consequences of Inner Sphere Hydrogen Bonding Between Ligands in Some Mixt Complexes of Actinide and Lanthanide.
DE84750649 **02**-*503,585* PC **A02**/MF **A01**

CONF-8304147-3
Recent Progress in Actinide and Lanthanide Solvent Extraction.
DE84750660 **02**-*504,730* PC **A02**/MF **A01**

CONF-8305243-1
Part of Nuclear Aerosols in Accidental Radioactivity Released.
(-DAS---17)
DE85750639 **17**-*539,066* PC **A02**/MF **A01**

CONF-8306146-10
Experimental Techniques for the Study of Radiation Damage in Metals and Alloys.
DE84752015 **05**-*511,688* PC **A02**/MF **A01**

CONF-8310303-2
JERICHO Computer Code: PWR Containment Response During Severe Accidents Description and Sensitivity Analysis.
(-DAS---47)
DE85780709 **17**-*538,940* PC **A03**/MF **A01**

CONF-8311228-1
Uranium Extraction from Phosphoric Acid.
DE85750648 **1**[illegible]-*533,460* PC **A02**/MF **A01**

CONF-8403160-1
Spent Fuel Management in France.
DE85780729 **16**-*536,638* PC **A02**/MF **A01**

CONF-8404208-1-Sum.
Synthesis and Structure of (C Sub 2 H sub 5) sub 4 NUO sub 2 (N Sub 3) sub 3.
DE85780681 **15**-*533,582* PC **A02**/MF **A01**

CONF-8404208-2-Sum.
N, N Dialkylamides as U(VI) Extractants.
DE85780682 **15**-*533,461* PC **A02**/MF **A01**

CONF-8404208-3-Sum.
Actinide New Extractants.
DE85780683 **15**-*533,462* PC **A02**/MF **A01**

CONF-8404234-2
Order and Disorder in Transition Metal Carbides and Nitrides: Experimental and Theoretical Aspects.
DE85752053 **26**-*560,892* PC **A02**/MF **A01**

CONF-8406260-2
Radiation Damage in Boron Carbide: Swelling and Microcracking.
DE85751187 **25**-*558,376* PC **A02**/MF **A01**

CONF-8408162-1-Abst.
Determination of Hydrazoic Acid in the Solutions of the Purex Process.
DE85752060 **26**-*561,486* PC **A02**/MF **A01**

CONF-8409103-4
Microstructural Information from Channeling Measurements.
DE85780914 **20**-*546,488* PC **A02**/MF **A01**

CONF-8409234-1
Chemistry of Actinides and Lanthanides. New Extractants and Separation Methods.
DE85751945 **25**-*559,166* PC **A03**/MF **A01**

DAS-76
Plan for Writing the Electric Energy Chapter of the Safety Report of a Basis Nuclear Installation of the Fuel Cycle.
DE85751230 **24**-*556,324* PC **A02**/MF **A01**

DPS-84-03-SEAPS
Method for the Evaluation of Radiologic Consequence of the Dumping of Low- and Medium-Level Radioactive Wastes on the Deep Sea Bed.
DE85751209 **25**-*559,165* PC **A03**/MF **A01**

DSN-646
Development in France of Nuclear Safety Technical Regulations and Standards Used in the Licensing Procedure.
DE84751753 **05**-*512,232* PC **A03**/MF **A01**

DSN-650
Analytical Model for Heat Transfer in a Pin-Bundle Presentation and First Validation.
(-CONF--830103--48)
DE84751861 **10**-*522,862* PC **A02**/MF **A01**

EUR-CEA-FC-1179
Hot Plasma Formation. A Study of Plasma Density Evolution in Space and Time.
DE84780431 **01**-*502,562* PC **A02**/MF **A01**

CEA CENTRE D'ETUDES NUCLEAIRES DE FONTENAY-AUX-ROSES (FRANCE). DEPT. D'ANALYSE DE SURETE.

CEA-CONF-7236
THEBES: A Thermal Hydraulic Code for the Calculation of Transient Two Phase Flow in Bundle Geometry.
(-DSN---626)
DE85750675 **17**-*539,102* PC **A02**/MF **A01**

CEA-CONF-7237
Interpretation of Clad Motion Phenomena in out of Pile Experiments the alpha Code.
(-DSN---627)
DE85750676 **17**-*539,195* PC **A02**/MF **A01**

CEA-CONF-7238
First Interpretation of the MOL 7C/1 and MOL 7C/2 Experiments.
(-DSN---628)
DE85750677 **17**-*539,103* PC **A02**/MF **A01**

CEA-CONF-7239
Development Work on the SABRE Code Done by the CEA. Introduction of a New Detailed Wire-Wrap Model.
(-DSN---629)
DE85750606 **17**-*539,095* PC **A03**/MF **A01**

CEA-CONF-7240
Maracas Program: Study of 5% Enriched Uranium Dioxide Criticality.
(-DSN---640)
DE85750640 **16**-*536,689* PC **A02**/MF **A01**

CEA-CONF-7241
Residual Heat Removal During Accidental Situations.
(-DAS---16)
DE85750623 **17**-*539,096* PC **A02**/MF **A01**

CEA-CONF-7243
Temperature Measurements in a Negatively Buoyant Round Vertical Jet Issued in a Horizontal Crossflow.
(-DAS---28)
DE85750622 **17**-*538,467* PC **A02**/MF **A01**

CEA-CONF-7534
Aging Irradiation of Polymers. Dose-Rate and Test Sequence Influence.
(-DAS---83)
DE85751314 **21**-*548,184* PC **A03**/MF **A01**

CEA-CONF-7535
Study on the Radiation Aging of Polymers.
(-DAS---84)
DE85751313 **21**-*548,183* PC **A03**/MF **A01**

CEA-CONF-7536
Synergy Effect in Accident Simulation.
(-DAS---85)
DE85751316 **20**-*546,370* PC **A03**/MF **A01**

CEA-CONF-7537
Qualification Rules of Important Electrical Equipments for Safety.
(-DAS---82)
DE85751315 **21**-*548,945* PC **A02**/MF **A01**

CEA-CONF-7538
Assessment of Seismic Hazard for NNP Sites in France Analysis of Several Aftershocks of November 8, 1983, Liege Earthquake.
(-DAS---80)
DE85751317 **21**-*547,879* PC **A02**/MF **A01**

CEA-CONF-7539
Simulators as Safety Analysis Tool.
(-DAS---81)
DE85751318 **21**-*548,870* PC **A02**/MF **A01**

CONF-821068-4
Development Work on the SABRE Code Done by the CEA. Introduction of a New Detailed Wire-Wrap Model.
(-DSN---629)
DE85750606 **17**-*539,095* PC **A03**/MF **A01**

CONF-821068-5
THEBES: A Thermal Hydraulic Code for the Calculation of Transient Two Phase Flow in Bundle Geometry.
(-DSN---626)
DE85750675 **17**-*539,102* PC **A02**/MF **A01**

CONF-821068-6
Interpretation of Clad Motion Phenomena in out of Pile Experiments the alpha Code.
(-DSN---627)
DE85750676 **17**-*539,195* PC **A02**/MF **A01**

CONF-821068-7
First Interpretation of the MOL 7C/1 and MOL 7C/2 Experiments.
(-DSN---628)
DE85750677 **17**-*539,103* PC **A02**/MF **A01**

CONF-821103-98
Maracas Program: Study of 5% Enriched Uranium Dioxide Criticality.
(-DSN---640)
DE85750640 **16**-*536,689* PC **A02**/MF **A01**

CONF-830802-5
Temperature Measurements in a Negatively Buoyant Round Vertical Jet Issued in a Horizontal Crossflow.
(-DAS- 28)
DE85750622 **17**-*538,467* PC **A02**/MF **A01**

CONF-840516-7
Study on the Radiation Aging of Polymers.
(-DAS---84)
DE85751313 **21**-*548,183* PC **A03**/MF **A01**

CONF-840516-8
Aging Irradiation of Polymers. Dose-Rate and Test Sequence Influence.
(-DAS---83)
DE85751314 **21**-*548,184* PC **A03**/MF **A01**

CONF-840516-9
Qualification Rules of Important Electrical Equipments for Safety.
(-DAS---82)
DE85751315 **21**-*548,945* PC **A02**/MF **A01**

CONF-840516-10
Synergy Effect in Accident Simulation.
(-DAS---85)
DE85751316 **20**-*546,370* PC **A03**/MF **A01**

CONF-8304218-1
Residual Heat Removal During Accidental Situations.
(-DAS---16)
DE85750623 **17**-*539,096* PC **A02**/MF **A01**

CONF-8403180-1
Assessment of Seismic Hazard for NNP Sites in France Analysis of Several Aftershocks of November 8, 1983, Liege Earthquake.
(-DAS---80)
DE85751317 **21**-*547,879* PC **A02**/MF **A01**

CONF-8403181-1
Simulators as Safety Analysis Tool.
(-DAS---81)
DE85751318 **21**-*548,870* PC **A02**/MF **A01**

DAS-70
French Regulation and Waste Management.
DE85751255 **24**-*556,418* PC **A03**/MF **A01**

CEA CENTRE D'ETUDES NUCLEAIRES DE FONTENAY-AUX-ROSES (FRANCE). DEPT. DE PHYSIQUE DU PLASMA ET DE LA FUSION CONTROLEE.

EUR-CEA-FC-1178
Solutions to Non-Linear Rate Equations with Diffusion.
DE84780430 **01**-*502,561* PC **A03**/MF **A01**

CEA CENTRE D'ETUDES NUCLEAIRES DE FONTENAY-AUX-ROSES (FRANCE). DEPT. DE PROTECTION.

CEA-R-5088
Investigation on the Slowing down of Heavy Charged Particles of Energy 25 to 400 KeV in Various Pure Gases and Gaseous Mixtures.
DE81700401 **20**-*546,182* PC **A05**/MF **A01**

CEA CENTRE D'ETUDES NUCLEAIRES DE FONTENAY-AUX-ROSES (FRANCE). DEPT. DE SURETE NUCLEAIRE.

DSN-651
Probabilistic Study of the Rupture of PWR Vessels.
(-FRA-EE-TDC---0052)
DE84751891 **10**-*522,664* PC **A16**/MF **A01**

EUR-8682
Probabilistic Study of the Rupture of PWR Vessels.
(-FRA-EE-TDC---0052)
DE84751891 **10**-*522,664* PC **A16**/MF **A01**

CEA CENTRE D'ETUDES NUCLEAIRES DE FONTENAY-AUX-ROSES (FRANCE). INST. DE PROTECTION ET DE SURETE NUCLEAIRE.

CEA-CONF-7183
French Regulatory Requirements Concerning Severe Accidents in PWRs and Associated Research Programme.
(-CONF--830816--53)
DE84751879 **10**-*522,661* PC **A02**/MF **A01**

CEA-CONF-7184
Assessment of Hydrogen Risk in French Pressurized Water Nuclear Reactors.
(-CONF--8309265--1)
DE84751869 **10**-*522,660* PC **A03**/MF **A01**

CEA-CONF-7185
Hydrogen Production in a PWR During LOCA.
(-CONF--8309265--2)
DE84751881 **10**-*522,662* PC **A02**/MF **A01**

CEA-CONF-7186
Surveillance and Control of Containment by Means of Radioactive Measurements.
(-CONF--8310303--1)
DE84751880 **10**-*522,720* PC **A02**/MF **A01**

CEA-CONF-7187
Method of Instantaneous Approximation of the Atmospheric Dispersion.
(-CONF--831032--4)
DE84751882 **10**-*522,721* PC **A02**/MF **A01**

CEA-R-5266
Retention and Excretion of Radionuclides after Incorporation by Inhalation in the Adult Man.
DE85751566 **21**-*547,693* PC **A10**/MF **A01**

CEA-R-5285
Distribution of Six Radionuclides Between Soluble and Particulate Phase at the Sea-Freshwater Interface.

DE85780904 **20**-546,307 PC **A09**/MF **A01**

DAS-30
Assessment of Hydrogen Risk in French Pressurized Water Nuclear Reactors.
(-CONF--8309265--1)
DE84751869 **10**-522,660 PC **A03**/MF **A01**

DAS-42
Hydrogen Production in a PWR During LOCA.
(-CONF--8309265--2)
DE84751881 **10**-522,662 PC **A02**/MF **A01**

DAS-43
Method of Instantaneous Approximation of the Atmospheric Dispersion.
(-CONF--831032--4)
DE84751882 **10**-522,721 PC **A02**/MF **A01**

DAS-46
French Regulatory Requirements Concerning Severe Accidents in PWRs and Associated Research Programme.
(-CONF--830816--53)
DE84751879 **10**-522,661 PC **A02**/MF **A01**

DAS-48
Surveillance and Control of Containment by Means of Radioactive Measurements.
(-CONF--8310303--1)
DE84751880 **10**-522,720 PC **A02**/MF **A01**

DSN-SAF-59
Preliminary Considerations on Safety of Computerized Control Rooms.
DE85750934 **17**-538,898 PC **A04**/MF **A01**

DSN-448/e
Development in France of Nuclear Safety Technical Regulations and Standards Using the Licensing Procedures.
DE85750936 **20**-546,205 PC **A02**/MF **A01**

CEA CENTRE D'ETUDES NUCLEAIRES DE GRENOBLE (FRANCE).

CEA-CONF-6557
Determination of the Nature and the Quantity of Crystalline Phases Formed During the Annealing of Complex Glasses.
DE83703241 **02**-504,666 PC **A02**/MF **A01**

CEA-CONF-7007
Principles of mu SR Technics.
DE85751149 **25**-559,813 PC **A02**/MF **A01**

CEA-CONF-7067
Improved Heat Exchange in Supercritical Helium Through Artificially Created Turbulence.
DE84751856 **10**-523,116 PC **A02**/MF **A01**

CEA-CONF-7068
Helium Pumping with Liquid Ring Vacuum Pump.
DE84751857 **10**-523,117 PC **A02**/MF **A01**

CEA-CONF-7100
Time-of-Flight Positron Emission Tomography and Associated Detectors.
DE84751756 **05**-511,106 PC **A02**/MF **A01**

CEA-CONF-7103
Time-of-Flight Position Emission Tomography: New Technological Prospects.
DE84751758 **10**-521,465 PC **A02**/MF **A01**

CEA-CONF-7104
Principles of Time-of-Flight Tomography.
DE84751757 **10**-521,464 PC **A02**/MF **A01**

CEA-CONF-7110
Instrumentation for Nuclear Reactor Control and Protection in France.
DE84751365 **03**-506,983 PC **A02**/MF **A01**

CEA-CONF-7258
Analysis of Integrated Systems -Gas Generator, Combined Cycle- for Electric Power Generation.
DE85750957 **20**-545,416 PC **A02**/MF **A01**

CEA-CONF-7259
Project of an Energetic System Using a "New" Energy Source: Wind Coldness.
DE85750956 **20**-545,322 PC **A02**/MF **A01**

CEA-CONF-7260
Science of Heat in the PWR Safety Analysis.
DE85750690 **17**-539,107 PC **A02**/MF **A01**

CEA-CONF-7261
Optimal Management of the Heat Storage Unit and of the Turbo-Alternator Group of an Electro-Solar Power Plant.
DE85750958 **20**-545,417 PC **A02**/MF **A01**

CEA-CONF-7262
Optimization of a Latent Heat Storage Installation Operating in Periodic Conditions.
DE85750954 **20**-545,651 PC **A02**/MF **A01**

CEA-CONF-7263
Examples of Analysis of Energetic Systems Using Solar Energy.
DE85750955 **20**-545,321 PC **A02**/MF **A01**

CEA-CONF-7268
Specific Heat of the U and Th Oxychalcogenides ANOY (AN= U, Th; Y= S, Se).
DE85750920 **17**-539,486 PC **A02**/MF **A01**

CEA-CONF-7269
Heat Capacity Study of ThP and Solid Solution UP sub(0.5) As sub(0.5).
DE85750919 **17**-539,485 PC **A02**/MF **A01**

CEA-CONF-7270
Magnetic and Electrical Properties of NpSbTe and NpAsTe.
DE85750921 **17**-539,487 PC **A02**/MF **A01**

CEA-CONF-7271
Crystallographic and Magnetic Property Changes Upon Hydrogen Absorption in Hf sub 2 Fe.
DE85750638 **17**-539,483 PC **A02**/MF **A01**

CEA-CONF-7272
Anomalous Signature Splitting in the (I 13/ 2)sub(N) (H 11/2)sub(P) Band of the Odd-Odd Nuclei.
DE85751085 **19**-544,199 PC **A02**/MF **A01**

CEA-CONF-7279
Physical Characteristics of a Position Computed Tomography System Using Time-of-Flight Technics.
(-LETI-MCTE---84-128)
DE85751046 **19**-542,555 PC **A02**/MF **A01**

CEA-CONF-7281
Operation Margins of Magneto-Optic Arrays.
DE85751557 **21**-549,169 PC **A02**/MF **A01**

CEA-CONF-7283
Refractive Index of Bi-Substituted Magnetic Garnet Films.
DE85751045 **21**-549,059 PC **A02**/MF **A01**

CEA-CONF-7285
Voludensitometry. Three Dimensional Display of Medical Objects.
DE85750678 **15**-533,253 PC **A02**/MF **A01**

CEA-CONF-7287
Image Reconstruction in PET Using Time of Flight Information.
DE85750680 **15**-533,254 PC **A02**/MF **A01**

CEA-CONF-7288
System for the Automatic Analysis of Defects in X-Ray Imaging.
DE85750679 **17**-539,196 PC **A02**/MF **A01**

CEA-CONF-7333
Knock out for Subthreshold Pion Production.
DE85751568 **20**-546,808 PC **A02**/MF **A01**

CEA-CONF-7349
High Magnetic Field and Very Low Temperature Cryomagnet for Neutron Scattering Experiments.
DE85751303 **20**-546,996 PC **A02**/MF **A01**

CEA-CONF-7351
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DE85751925 **25**-559,815 PC **A02**/MF **A01**

CEA-CONF-7357
Comparison of Iron Ion Implantation Effects in Bubble Garnet and YAG.
DE85751569 **21**-549,170 PC **A02**/MF **A01**

CEA-CONF-7358
Ion Mixing and Radiation Induced Segregation in the Fe, Ni, Si System.
DE85751170 **25**-558,448 PC **A02**/MF **A01**

CEA-CONF-7361
Structure and Bidimensional Properties of Superconducting Nb-Al Multilayers.
DE85751264 **24**-557,053 PC **A02**/MF **A01**

CEA-CONF-7362
High Critical Temperature Niobium Nitride Film Fabrication for Cryoelectronics.
DE85751228 **24**-557,050 PC **A02**/MF **A01**

CEA-CONF-7376
High Energy Ion Implantation for C-MOS Isolation N-Wells Technology: Some Problems Related to the Use of Multicharged Phosphorous Ions in an Industrial Context.
DE85751554 **20**-545,886 PC **A02**/MF **A01**

CEA-CONF-7385
Tunneling Spectroscopy in NbN Based Josephson Junctions.
DE85751263 **24**-557,052 PC **A02**/MF **A01**

CEA-CONF-7386
Composition Modulation Measurements in Thin 2D-Superconducting Multilayers.
DE85751300 **20**-546,493 PC **A02**/MF **A01**

CEA-CONF-7391
Metastable Magnetic Polaron Effects in SmS.
DE85751229 **24**-557,051 PC **A02**/MF **A01**

CEA-CONF-7440
Design of the Helium Refrigerator for TORE SUPRA.
DE85751559 **20**-546,097 PC **A02**/MF **A01**

CEA-CONF-7441
Thermal Cycling Machine for Cryoelectronic Devices Characterization.
DE85751595 **21**-548,685 PC **A02**/MF **A01**

CEA-CONF-7442
Automatic Point Testing Machine at 78 K.
DE85751594 **21**-548,684 PC **A02**/MF **A01**

CEA-CONF-7443
Dynamic Cooling System for Cryogenic Sensors.
DE85751593 **21**-548,261 PC **A02**/MF **A01**

CEA-CONF-7444
Prospects in Magnetic Refrigeration.
DE85751558 **20**-545,356 PC **A02**/MF **A01**

CEA-CONF-7452
Mu SR-Studies of Magnetic Properties of Metallic Rare Earth Compounds.
DE85752073 **26**-561,927 PC **A03**/MF **A01**

CEA-CONF-7453
Radiation Damage and Enhanced Short Range Ordering in Amorphous Cu sub 50 Ti sub 50.
DE85751565 **20**-545,513 PC **A02**/MF **A01**

CEA-CONF-7500
Influence of Irradiation Defects on Anelastic Properties of Magnesium.
DE85751944 **25**-558,452 PC **A02**/MF **A01**

CEA-CONF-7542
Perspective of Diffusion of Imaging Technologies.
DE85751947 **25**-557,668 PC **A02**/MF **A01**

CEA-CONF-7543
Basic Technological Aspects and Optimization Problems in X-Ray Computed Tomography (C.T.).
DE85751992 **25**-557,669 PC **A02**/MF **A01**

CEA-CONF-7544
Time-of-Flight Positron Emission Tomography (T.O.F. P.E.T.).
DE85751993 **25**-557,670 PC **A02**/MF **A01**

CEA-CONF-7545
Strategies of Reconstruction Algorithms for Computerized Tomography.
DE85751994 **25**-557,671 PC **A02**/MF **A01**

CEA-CONF-7783
Development of Vertical Axis Wind Turbines Darrieus Type, 5M Diameter, at Grenoble (France).
DE85752377 **26**-560,849 PC **A02**/MF **A01**

CEA-N-2319
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DE84700200 **03**-505,433 PC **A11**/MF **A01**

CEA-R-5244
Kinetic Versus Mechanical Modeling of Two-Phase Flow: On the Influence of Mechanical Terms on the Void Fraction and Velocities in Quasi-Developed Flows.
DE84752016 **05**-512,422 PC **A04**/MF **A01**

CEA-R-5248
Phonon Spectroscopy with Superconducting Tunnel Junctions.
DE84752023 **05**-512,059 PC **A05**/MF **A01**

CEA-R-5255
Relation Between Physicomechanical Properties and Diffusion Phenomena in Composite Materials.
DE85750652 **17**-539,021 PC **A14**/MF **A01**

CEA-R-5273
Influence of Different Irradiation Facilities on the Response of Radioprotection Devices.
DE85751218 **25**-558,992 PC **A10**/MF **A01**

CEA-R-5274
Stability of Void Fraction Waves and Bubble-Slug Transition.
DE85751201 **25**-559,418 PC **A05**/MF **A01**

CEA-R-5284
Analysis of Some Basic Studies on the Condensation in the Presence of Non-Condensable Along a Plane Plate.
DE85780903 **21**-548,893 PC **A04**/MF **A01**

CEA-R-5286
Use of Muons Beams in Material Science.
DE85780905 **20**-547,000 PC **A05**/MF **A01**

CONF-840263-3
High Magnetic Field and Very Low Temperature Cryomagnet for Neutron Scattering Experiments.
DE85751303 **20**-546,996 PC **A02**/MF **A01**

CONF-840530-9
Anomalous Signature Splitting in the (I 13/ 2)sub(N) (H 11/2)sub(P) Band of the Odd-Odd Nuclei.
DE85751085 **19**-544,199 PC **A02**/MF **A01**

CONF-840705-6
Dynamic Cooling System for Cryogenic Sensors.
DE85751593 **21**-548,261 PC **A02**/MF **A01**

CONF-840705-7
Automatic Point Testing Machine at 78 K.
DE85751594 **21**-548,684 PC **A02**/MF **A01**

CONF-840705-8
Thermal Cycling Machine for Cryoelectronic Devices Characterization.
DE85751595 **21**-548,685 PC **A02**/MF **A01**

CONF-840705-9
Prospects in Magnetic Refrigeration.
DE85751558 **20**-545,656 PC **A02**/MF **A01**

CONF-840705-10
Design of the Helium Refrigerator for TORE SUPRA.
DE85751559 **20**-546,097 PC **A02**/MF **A01**

CONF-840769-2
High Energy Ion Implantation for C-MOS Isolation N-Wells Technology: Some Problems Related to the Use of Multicharged Phosphorous Ions in an Industrial Context.
DE85751554 **20**-545,886 PC **A02**/MF **A01**

CONF-840842-32
Composition Modulation Measurements in Thin 2D-Superconducting Multilayers.
DE85751300 **20**-546,493 PC **A02**/MF **A01**

CONF-840842-33
Tunneling Spectroscopy in NbN Based Josephson Junctions.
DE85751263 **24**-557,052 PC **A02**/MF **A01**

CONF-840876-6
Metastable Magnetic Polaron Effects in SmS.
DE85751229 **24**-557,051 PC **A02**/MF **A01**

CONF-841071-10
Development of Vertical Axis Wind Turbines Darrieus Type, 5M Diameter, at Grenoble (France).
DE85752377 **26**-*560,849* PC **A02**/MF **A01**

CONF-850172-1
Influence of Irradiation Defects on Anelastic Properties of Magnesium.
DE85751944 **25**-*558,452* PC **A02**/MF **A01**

CONF-8203201-1
Science of Heat in the PWR Safety Analysis.
DE85750690 **17**-*539,107* PC **A02**/MF **A01**

CONF-8203201-2
Optimization of a Latent Heat Storage Installation Operating in Periodic Conditions.
DE85750954 **20**-*545,651* PC **A02**/MF **A01**

CONF-8203201-3
Examples of Analysis of Energetic Systems Using Solar Energy.
DE85750955 **20**-*545,321* PC **A02**/MF **A01**

CONF-8203201-4
Project of an Energetic System Using a "New" Energy Source: Wind Coldness.
DE85750956 **20**-*545,322* PC **A02**/MF **A01**

CONF-8203201-5
Analysis of Integrated Systems -Gas Generator, Combined Cycle- for Electric Power Generation.
DE85750957 **20**-*545,416* PC **A02**/MF **A01**

CONF-8203201-6
Optimal Management of the Heat Storage Unit and of the Turbo-Alternator Group of an Electro-Solar Power Plant.
DE85750958 **20**-*545,417* PC **A02**/MF **A01**

CONF-8210145-2
Determination of the Nature and the Quantity of Crystalline Phases Formed During the Annealing of Complex Glasses.
DE83703241 **02**-*504,666* PC **A02**/MF **A01**

CONF-8304181-1
Time-of-Flight Positron Emission Tomography and Associated Detectors.
DE84751756 **05**-*511,106* PC **A02**/MF **A01**

CONF-8304182-1
Principles of Time-of-Flight Tomography.
DE84751757 **10**-*521,464* PC **A02**/MF **A01**

CONF-8304182-2
Time-of-Flight Position Emission Tomography: New Technological Prospects.
DE84751758 **10**-*521,465* PC **A02**/MF **A01**

CONF-8305276-1
Principles of mu SR Technics.
DE85751149 **25**-*559,813* PC **A02**/MF **A01**

CONF-8309264-1
Improved Heat Exchange in Supercritical Helium Through Artificially Created Turbulence.
DE84751856 **10**-*523,116* PC **A02**/MF **A01**

CONF-8309264-2
Helium Pumping with Liquid Ring Vacuum Pump.
DE84751857 **10**-*523,117* PC **A02**/MF **A01**

CONF-8310272-1
Instrumentation for Nuclear Reactor Control and Protection in France.
DE84751365 **03**-*506,983* PC **A02**/MF **A01**

CONF-8403169-1
Physical Characteristics of a Position Computed Tomography System Using Time-of-Flight Technics.
(LETI-MCTE---84-128)
DE85751046 **19**-*542,555* PC **A02**/MF **A01**

CONF-8404106-9
Crystallographic and Magnetic Property Changes Upon Hydrogen Absorption in Hf sub 2 Fe.
DE85750638 **17**-*539,483* PC **A02**/MF **A01**

CONF-8404132-2
Refractive Index of Bi-Substituted Magnetic Garnet Films.
DE85751045 **21**-*549,059* PC **A02**/MF **A01**

CONF-8404132-3
Operation Margins of Magneto-Optic Arrays.
DE85751557 **21**-*549,169* PC **A02**/MF **A01**

CONF-8404208-4-Sum.
Heat Capacity Study of ThP and Solid Solution UP sub(0.5) As sub(0.5).
DE85750919 **17**-*539,485* PC **A02**/MF **A01**

CONF-8404208-5-Sum.
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DE85750920 **17**-*539,486* PC **A02**/MF **A01**

CONF-8404208-6-Sum.
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DE85751925 **25**-*559,815* PC **A02**/MF **A01**

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DE85752073 **26**-*561,927* PC **A03**/MF **A01**

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DE85751596 **20**-*545,325* PC **A02**/MF **A01**

FRCEA-R-11
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DE83704345 **02**-*504,028* PC **A02**/MF **A01**

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DE84780399 **01**-*502,523* PC **A02**/MF **A01**

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DE84780401 **01**-*502,287* PC **A02**/MF **A01**

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DE84780403 **01**-*502,289* PC **A02**/MF **A01**

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DE84780414 **01**-*502,302* PC **A02**/MF **A01**

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DE84750626 **02**-*505,014* PC **A02**/MF **A01**

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New Approach to Identify Negative and Positive Pions with a Scintillator Range Telescope in the 15-90 MeV Pion Energy Interval.
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DE84751161 **01**-*502,585* PC **A03**/MF **A01**

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DE84751382 **03**-*507,725* PC **A02**/MF **A01**

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DE84751897 **09**-*520,421* PC **A02**/MF **A01**

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DE85750534 **20**-*546,755* PC **A02**/MF **A01**

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DE84751750 **05**-*512,429* PC **A02**/MF **A01**

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DE85751055 **19**-*544,161* PC **A02**/MF **A01**

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DE84751759 **05**-*512,314* PC **A02**/MF **A01**

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DE84751899 **09**-*520,423* PC **A02**/MF **A01**

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DE84751877 **10**-*522,863* PC **A02**/MF **A01**

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Influence of Fast Neutron Dose on the Microstructure of Stainless Steel 316 Strain Hardened 20% Irradiated at About 420 degrees C.
DE84751858 **10**-*522,861* PC **A02**/MF **A01**

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Few Methods for the Theory of Collective Motions and Collisions.
(-SPh-T---84-002)
DE85750665 **15**-*534,943* PC **A03**/MF **A01**

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DE84751894 **11**-*525,272* PC **A02**/MF **A01**

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DE84751886 **11**-*525,222* PC **A02**/MF **A01**

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DE84752000 **09**-*520,426* PC **A03**/MF **A01**

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DE84751883 **10**-*522,663* PC **A02**/MF **A01**

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DE84751884 **10**-*522,793* PC **A02**/MF **A01**

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DE84751890 **10**-*522,868* PC **A02**/MF **A01**

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DE84751843 **04**-*509,332* PC **A02**/MF **A01**

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DE84751889 **10**-*522,964* PC **A02**/MF **A01**

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DE84751888 **09**-*520,419* PC **A02**/MF **A01**

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DE84751885 **09**-*520,418* PC **A02**/MF **A01**

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DE84752001 **08**-*518,092* PC **A02**/MF **A01**

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DE84751887 **10**-*522,879* PC **A02**/MF **A01**

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DE84752007 **09**-*520,428* PC **A02**/MF **A01**

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(-SPh-T---84-008)
DE85750670 **15**-*535,048* PC **A03**/MF **A01**

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DE84751967 **11**-*525,273* PC **A02**/MF **A01**

CEA-CONF-7205
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DE84751966 **05**-*511,687* PC **A03**/MF **A01**

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DE85780713 **15**-*535,007* PC **A03**/MF **A01**

CEA-CONF-7216
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DE85750563 **26**-*560,847* PC **A02**/MF **A01**

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DE85750624 **17**-*539,193* PC **A02**/MF **A01**

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DE85750643 **17**-*538,932* PC **A02**/MF **A01**

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DE85780698 **15**-*533,311* PC **A02**/MF **A01**

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DE85780699 **15**-*535,004* PC **A02**/MF **A01**

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Emission of Light Fragments in Heavy Ion Collisions: Does a Liquid-Gas Phase Transition Exist in Nuclear Matter.
DE85751026 **19**-*544,171* PC **A02**/MF **A01**

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(-SPh-T---84-46)
DE85751040 **19**-*544,179* PC **A02**/MF **A01**

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DE85750681 **17**-*539,210* PC **A02**/MF **A01**

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DE85751027 **19**-*544,172* PC **A03**/MF **A01**

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DE85750644 **15**-*533,252* PC **A02**/MF **A01**

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DE85750922 **17**-*539,025* PC **A02**/MF **A01**

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DE85750647 **17**-*537,669* PC **A02**/MF **A01**

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Evolution of the Nucleus-Nucleus Interaction in the Transition Energy Region.
DE85751088 **19**-*544,202* PC **A02**/MF **A01**

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(-SPh-T---84-67)
DE85751038 **19**-*544,240* PC **A02**/MF **A01**

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(-SPh-T---84-70)
DE85751057 **19**-*544,183* PC **A03**/MF **A01**

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Mass Dispersions in a Time-Dependent Mean-Field Approach.
DE85751078 **19**-*544,194* PC **A02**/MF **A01**

CEA-CONF-7293
Mean-Field Description of Nuclei at High Temperature.
DE85751232 **24**-*556,863* PC **A02**/MF **A01**

CEA-CONF-7294
Hydrodynamics of a Quark-Gluon Plasma.
DE85751081 **19**-*544,196* PC **A02**/MF **A01**

CEA-CONF-7295
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(-SPh-T---84-64)
DE85751056 **19**-*544,182* PC **A02**/MF **A01**

CEA-CONF-7298
Dynamics of Ultra-Relativistic Heavy Ion Collisions in the Presence of Quark-Gluon Matter.
(-SPh-T---84-80)
DE85751064 **19**-*544,190* PC **A02**/MF **A01**

CEA-CONF-7299
Low Frequency Dynamics in Water and Aqueous Solutions of ZnCl sub 2: A Comparative Investigation by Raman, Rayleigh Wing and Inelastic Neutron Scattering.
DE85751074 **19**-*542,809* PC **A02**/MF **A01**

CEA-CONF-7300
Dynamics of Protons in Water and Aqueous ZnCl sub 2 Solutions.
DE85751073 **19**-*542,808* PC **A02**/MF **A01**

CEA-CONF-7301
Dynamics of Supercooled Water Studied by Neutron Scattering.
DE85751075 **19**-*542,810* PC **A02**/MF **A01**

CEA-CONF-7302
Daily Storage Management in Heating Systems Based on a Primary Energy Recovery: Applications to Actual Cases.
DE85750697 **14**-*531,975* PC **A03**/MF **A01**

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DE85750691 **17**-*538,587* PC **A02**/MF **A01**

CEA-CONF-7307
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DE85751085 **21**-*549,166* PC **A02**/MF **A01**

CEA-CONF-7308
Comparison of Performances of Standard Low Energy Collimators and a Medium Energy Collimator Specially Designed for Imaging with (p,2n) I-123.
DE85750907 **16**-*535,682* PC **A02**/MF **A01**

CEA-CONF-7313
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DE85750906 **17**-*538,257* PC **A02**/MF **A01**

CEA-CONF-7314
Effect of Irradiation Temperature on the Precipitation in Cold-Worked (C.W.) Ti-Stabilised 316 Stainless Steel.
DE85750905 **17**-*538,256* PC **A02**/MF **A01**

CEA-CONF-7315
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DE85750904 **17**-*539,199* PC **A02**/MF **A01**

CEA-CONF-7316
CW 316 Mechanical Properties During Thermal Transients.
DE85750903 **17**-*538,255* PC **A02**/MF **A01**

CEA-CONF-7317
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DE85750902 **17**-*538,254* PC **A02**/MF **A01**

CEA-CONF-7318
Influence of Helium on Swelling of Steels.
DE85751070 **21**-*548,151* PC **A02**/MF **A01**

CEA-CONF-7320
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DE85750931 **17**-*539,297* PC **A02**/MF **A01**

CEA-CONF-7325
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DE85751097 **21**-*548,942* PC **A03**/MF **A01**

CEA-CONF-7326
Appraisal of Allowable Loads by Simplified Rules.
DE85751098 **19**-*543,936* PC **A02**/MF **A01**

CEA-CONF-7327
Experimental and Analytical Study on Buckling of Fluid - Coupled Structures During a Seismic Load.
DE85751099 **19**-*543,937* PC **A02**/MF **A01**

CEA-CONF-7328
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DE85751100 **21**-*548,943* PC **A02**/MF **A01**

CEA-CONF-7329
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DE85751101 **21**-*548,944* PC **A02**/MF **A01**

CEA-CONF-7330
Electrons and Photons: A Probe for Short Distance Study of Nuclei.
DE85751331 **20**-*546,783* PC **A02**/MF **A01**

CEA-CONF-7350
Electron Scattering and Nuclear Structure.
(-DPh-N-S---2184)
DE85751571 **20**-*546,809* PC **A03**/MF **A01**

CEA-CONF-7363
Fusion Excitation Functions at Near- and sub-Coulomb Barrier for Symmetric and Asymmetric Medium-Mass Systems.

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(-DPh-N-S---2175)
DE85751333 **20**-*546,784* PC **A02**/MF **A01**

CEA-CONF-7367
Collective Variables and Dissipation.
(-SPh-T---84-85)
DE85751257 **24**-*556,957* PC **A03**/MF **A01**

CEA-CONF-7375
Deep Inelastic Electronuclear Research at the 700 MeV Saclay Linac (ALS).
(-DPh-N-S---2169)
DE85751567 **20**-*546,807* PC **A02**/MF **A01**

CEA-CONF-7377
From Nucleons to Quarks in Nuclei.
(-DPh-N-S---2190)
DE85751572 **20**-*546,810* PC **A02**/MF **A01**

CEA-CONF-7378
Skyrmions and Quarks in Nuclei.
(-SPhT---84-91)
DE85751272 **24**-*556,882* PC **A02**/MF **A01**

CEA-CONF-7380
Some Aspects of Heavy Ion Macrophysics.
(-DPh-N-S---2181)
DE85751302 **20**-*546,769* PC **A03**/MF **A01**

CEA-CONF-7383
Monitoring of the Boundary-Layer Stratification by a Scanning Mie Lidar During the FOS 83 Experiment.
DE85752294 **25**-*557,302* PC **A02**/MF **A01**

CEA-CONF-7384
DIAL Lidar Measurements of Atmospheric Pollutants (SO Sub 2 , O sub 3) During the Fos-Berre 83 Experiment.
DE85751349 **21**-*547,769* PC **A02**/MF **A01**

CEA-CONF-7403
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(-DPh-N-S---2195)
DE85751335 **20**-*546,786* PC **A03**/MF **A01**

CEA-CONF-7404
Loop for 4 Light Water Fuel Pins Irradiated at the OSIRIS Reactor. Development of Techniques for Dosimetry.
DE85751560 **20**-*546,373* PC **A02**/MF **A01**

CEA-CONF-7407
Aerosol Behavior in the Reactor Containment Building During Severe Accident.
DE85751252 **24**-*556,451* PC **A02**/MF **A01**

CEA-CONF-7408
Finite Element Method for Flow Problems in Blast Loading.
DE85751251 **24**-*556,507* PC **A02**/MF **A01**

CEA-CONF-7430
Chiral Bags, Skyrmions and Quarks in Nuclei.
(-SPhT---84-123)
DE85780915 **20**-*546,826* PC **A04**/MF **A01**

CEA-CONF-7431
Collective Variables and Dissipation.
(-SPhT---84-122)
DE85751555 **20**-*546,950* PC **A03**/MF **A01**

CEA-CONF-7432
Some Clues for the Iron Origin in Galaxy Clusters.
DE85752049 **26**-*560,086* PC **A02**/MF **A01**

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DE85751990 **25**-*559,268* PC **A02**/MF **A01**

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DE85752068 **26**-*561,926* PC **A02**/MF **A01**

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DE85751563 **21**-*548,892* PC **A02**/MF **A01**

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DE85781586 **26**-*560,944* PC **A03**/MF **A01**

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DE84752347 **15**-*534,847* PC **A11**/MF **A01**

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CEA-R-5219
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PB85-222925 21-548,174 PC E06/MF E06

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N85-13795/8 08-515,748 PC A04/MF A01

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BLG-576
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PB85-229029 23-553,341 PC E05/MF E05

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BLG-565
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PB85-139723 06-513,675 PC E03/MF E03

BLG-567
Life History of Acetabularia acetabulum (= Mediterranea) in the Laboratory and in Nature.

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BLG-569
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BLG-570
Tensile and Creep Properties of DT2906: Dispersion-Strengthened Ferritic Steel Tubes.
PB85-139335 **07**-*514,999* PC **E04**/MF **E04**

BLG-571
Cassandre: A Two-Dimensional Multigroup Diffusion Code for Reactor Transients Analysis.
PB85-139277 **06**-*514,034* PC **E07**/MF **E07**

BLG-572
CEN/SCK (Centre d'Etude de l'Energie Nucleaire/Studiecentrum voor Kernenergie) Activities on Ceramics.
PB85-139327 **06**-*513,519* PC **E04**/MF **E04**

BLG-573
Impact des Rejets de la Centrale Nucleaire de Tihange (Belgique) sur l'Ecosysteme Meuse: Etudes in situ et Recherches Experimentales Durant la Periode 1981-1984 (Impact on the Meuse River of the Liquid Wastes from the PWR-type Nuclear Power Plant at Tihange: Study and Research of its use as a Model for the Running Waters of Other Regions (1981-1984)).
PB85-233104 **23**-*554,008* PC **E05**/MF **E05**

BLG-574
Contribution a L'Etude Physique de la Poudre de Zinc Amalgamee pour Piles Electriques (Study by Optical and Scanning Electron Microsccpy of Mercury Used by Amalgamate Zinc Powders in Alkaline Cell Production).
PB85-186658 **15**-*533,618* PC **E06**/MF **E06**

BLG-575
Standardization of Radionuclides at the SCK/CEN (Studiecentrum voor Kernenergie/Centre d'Etude de l'Energie Nucleaire).
PB85-235414 **23**-*554,010* PC **E03**/MF **E03**

BLG-577
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PB85-235406 **24**-*555,341* PC **E03**/MF **E03**

CONF-8309195-2
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DE85001113 **05**-*511,349* PC **A02**/MF **A01**

CENTRE D'ETUDES DES SYSTEMES ET TECHNOLOGIES AVANCEES, PARIS (FRANCE). SERVICE EXPERIMENTATION.

CESTA/EX-040/84
Etude de la Validite du Critere de Spectre de Reponse au Choc (Study of the Validity of the Response-to-Shock Spectrum Criterion).
PB85-158020 **10**-*523,088* PC **E11**/MF **E11**

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CERB-85-03
Systeme Expert d'Aide au Diagnostic de l'Exploration Biologique Thyroidienne (System for Diagnosis in Thyroid Biological Exploration).
PB85-208650 **18**-*540,109* PC **E04**/MF **E04**

CENTRE D'ETUDES ET DE RECHERCHES DE MEDECINE AEROSPATIALE, PARIS (FRANCE).

CERMA-84/08
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PB85-121796 **04**-*508,687* PC **E10**/MF **E10**

CERMA-84/15
Etude Physiopathologique des Intoxications Dues a la Decomposition Thermique des Materiaux (Pathophysiological Study of Poisoning Due to Thermal Degradation of Materials).
PB85-122215 **04**-*508,688* PC **E04**/MF **E04**

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CERMA-84-08
Material Thermolysis Product Toxicity: Definition of a Hazard Evaluation Methodology.
N85-20641/5 **14**-*531,421* PC **A10**/MF **A01**

CENTRE D'ETUDES ET DE RECHERCHES DE MEDECINE AEROSPATIALE, PARIS (FRANCE). DIV. HISTOPATHOLOGIE AERONAUTIQUE.

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Pathophysiological Study of Poisoning Due to Thermal Degradation of Materials.
N85-20640/7 **14**-*531,420* PC **A03**/MF **A01**

CENTRE D'ETUDES ET DE RECHERCHES DE TOULOUSE (FRANCE). DEPT. D'ETUDES ET DE RECHERCHES EN MICRO-ONDES.

R-4/1277-MO
Propagation Guidee sur Barreaux Semi-Conducteurs en Gamme Millimetrique (Phase 2) (Guided Propagation on SemiConductor Bars in Millimeter Range (Phase 2)).
PB85-138014 **06**-*513,408* PC **E05**/MF **E04**

CENTRE D'ETUDES ET DE RECHERCHES DE TOULOUSE (FRANCE). DEPT. D'ETUDES ET DE RECHERCHES EN OPTIQUE.

CERT-2/6124-04-RO
Etude d'Une Cuve a Colorant Prismatique (Study on a Prismatic Dye Vat).

N85-27217/7 **19**-*544,024* PC **A07**/MF **A01**

CERT-2/6129-00
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N85-27717/6 **19**-*544,039* PC **A05**/MF **A01**

CENTRE D'ETUDES ET DE RECHERCHES ECONOMIQUES ET SOCIALES, TUNIS (TUNISIA).

Changement Economique et Social: L'Experience Pilote d'El Alem, Tunisie (Economic Change and Social Experience of El Alem, Tunisia).
PB85-199958 **18**-*539,699* PC **A03**/MF **A01**

CENTRE D'ETUDES ET DE RECHERCHES TECHNIQUES SOUS-MARINES, TOULON (FRANCE).

CERTSM-2021/84
Evaluation de la Toxicite Potentielle des Materiaux - Interpretation Toxicologique de l'Analyse des Produits de Thermolyse des Materiaux (Evaluation of the Potential Toxicity of Materials - Toxicological Interpretation of the Thermolysis Product Analysis of Materials).
PB85-191492 **17**-*537,589* PC **E07**/MF **E07**

CENTRE D'ETUDES ET RECHERCHES DES CHARBONNAGES DE FRANCE, VERNEUIL-EN-HALATTE.

CERCHAR-RA-1983
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DE84751842 **04**-*508,979* PC **A05**/MF **A01**

Hazard Assessment of Explosive Substances.
AD-P004 842/1 **23**-*554,085* PC **A02**/MF **A01**

CENTRE DE DOCUMENTATION DE L'ARMEMENT, PARIS (FRANCE). DIRECTION DES RECHERCHES, ETUDES ET TECHNIQUES.

DRET-82/291
Etude de l'Interaction entre Biomolecules Fondamentales et Radioprotecteurs Soufres, en Presence ou en Absence de Radiations Ionisantes (Study of the Interaction between Fundamental Biomolecules and Sulphur Radioprotectors in the Presence or Absence of Ionizing Radiations).
PB85-200319 **17**-*537,741* PC **E04**/MF **E04**

DRET-83/446
Synthese des Derives Organiques a Action Anticholinergique et Anticonvulsivante (Synthesis of Organic Derivatives with Anti-Cholinergic and Anti-Convulsive Properties. Subject: Glycolate Levels of Amino-Alkyls with Annti-Cholinergic Properties).
PB85-198018 **17**-*537,560* PC **E04**/MF **E04**

DRET-83/1320
Transition Vitreuse et Evolution Spontanee des Phades Metastables du 1-Cyanoadamantane (Vitreous Transition and Spontaneous Evolution of the Metastable Phases of Cyanoadamantane-1).
PB85-199180 **18**-*540,360* PC **E04**/MF **E04**

TN/T-84/13
Comportement d'une Antenne Television Type YAGI Soumise a une Impulsion Electromagnetique d'Origine Nucleaire (IEMN) (Behavior of a YAGI Type TV Antenna Under the Effect of a Nuclear-Origin Electromagnetic Pulse).
PB85-117166 **04**-*509,189* PC **E04**/MF **E04**

TN/T-84/33
Mise en Route d'une Chaine Interferometrique IDL (Development of an Interferometric IDL (Doppler Laser Interferometry)).
PB85-117133 **03**-*506,835* PC **E04**/MF **E04**

Modelisation des Ecoulements Turbulents en Fluides Compressibles - Aspects Metrologiques (Modeling Turbulent Flow in Compressible Fluids: Metrological Aspects).
N85-19926/3 **14**-*532,572* PC **A07**/MF **A01**

Journees sur les Varietes Riemanniennes (Symposium on Riemannian Manifolds).
PB85-147064 **09**-*519,486* PC **E04**/MF **E04**

Modelisation des Ecoulements Turbulents en Fluides Compressibles. Aspects Metrologiques (Model Representation of Turbulent Flow in Compressible Fluids. Metrologic Aspects).
PB85-157162 **10**-*522,955* PC **E07**/MF **E07**

ENTEX VIII - Experience de Plongee Fictive Profonde a 46 ATA (450 m) avec 12 Jours de Sejour au Fond et Travail en Position Immergee (ENTEX VIII - Experimental Simulated Dives at 46 ATA (450 meters) with a 12 Day Stay at Bottom and with Muscular Exercise in Water Conditions).
PB85-157865 **10**-*521,645* PC **E15**/MF **E15**

Reseaux d'Automates Booleens (Boolean Automaton Networks).
PB85-158889 **10**-*521,447* PC **E03**/MF **E03**

Simulation Experimentale sur Modeles Reduits de la Propagation Acoustique Sous-Marine: Moyens et Methodes (Reduced-Model Experimental Simulation of Submarine Acoustic Propagation: Means and Methods).
PB85-159176 **10**-*522,921* PC **E03**/MF **E03**

International Round Table (6th) on Nucleosides, Nucleotides and Their Biological Applications (Table Ronde Internationale (6th) sur les Nucleosides, Nucleotides et Leurs Applications Biologiques).
PB85-166965 **12**-*526,364* PC **E08**/MF **E08**

Automatisation de la Selection (Automation of Selection).
PB85-170389 **12**-*526,289* PC **E04**/MF **E04**

Etude et Realisation d'un Laser a Vapeur Metallique Base sur une Decharge de Type Penning (Study and Realization of a Metallic-Vapor Laser Based on a Penning-Type Discharge).
PB85-176253 **14**-*532,596* PC **E04**/MF **E04**

Etude de Generation Electrique par Alternateur Grande Vitesse et Frequences Variables Regule a Frequence Fixe par Odduleur (Study of Electrical Generation through High-Speed and Variable Frequency Alternator Regulated to Fixed Frequency by Inverter).
PB85-190015 **16**-*536,105* PC **E04**/MF **E04**

Equipement de Protection pour le Personnel d'Intervention contre l'Incendie (Protection Equipment for the Fire Intervention Personnel).
PB85-204931 **18**-*541,299* PC **E04**/MF **E04**

Ajustement de Fonction de Correlation Vibrationnelle et Rotationnelle (Adjustment of the Vibrational and Rotational Correlation Function).
PB85-212447 **19**-*542,857* PC **E03**/MF **E03**

Catalogue des Detecteurs Opto-Electroniques (Catalog of Opto-Electronic Detectors).
PB85-218527 **22**-*550,299* PC **E04**/MF **E04**

Etude de la Frustration et du Desordre dans les Verres de Spin a Trois Dimensions (Study of the Frustration and Disorder in Glass with Three-Dimensional Spin).
PB85-233864 **23**-*554,322* PC **E03**/MF **E03**

Transition Vitreuse de Liquides et Alliages Simples (Vitreous Transition of Liquids and Simple Alloys).
PB85-234144 **23**-*552,571* PC **E03**/MF **E03**

Etude des Effets Cardiovasculaires de Diverses Molecules Utilisees dans le Traitement des Intoxications par les Anticholinesterasiques (Study of the Cardiovascular Effects of Different Molecules Used in the Treatment of Intoxications by Sterasic Anticholines).
PB85-238236 **24**-*555,164* PC **E06**/MF **E06**

Recuit Laser en Microelectronique (Annealed Laser in Microelectronics).
PB85-245488 **26**-*561,187* PC **E03**/MF **E03**

Oxydation des Siliciures (Oxidation of Silicon Films).
PB85-246684 **26**-*560,665* PC **E03**/MF **E03**

Radioprotecteurs Potentiels en Series Organo-Germaniee, -Siliciee et -Phosphoree (Potential Radioprotectors in Organo-Germanated -Siliciated and -Phosphorized Series).
PB85-247195 **26**-*560,464* PC **E03**/MF **E03**

Bases et Banques de Donnees Images (Image Data Bases and Banks).
PB85-248151 **26**-*560,710* PC **E06**/MF **E06**

Caracterisation du Virus de la Fievre Jaune (Flavivirus) (Characterization of Yellow Fever Virus (Flavivirus)).
PB85-248169 **26**-*560,300* PC **E07**/MF **E07**

CENTRE DE RECHERCHES DE MICROCALORIMETRIE ET DE THERMOCHIMIE, MARSEILLE (FRANCE). UNITE DE BIOLOGIE MOLECULAIRE.

Epidemiologie et Biologie d'Affections Virales (Ribovirioses-Encephalopathies) (Epidemiology and Biology of Viral Infections (Encephalopathic Ribovirus).
PB85-230183 **23**-*552,225* PC **E05**/MF **E05**

CENTRE DE RECHERCHES DU SERVICE DE SANTE DES ARMEES, CLAMART (FRANCE).

Etude Approfondie et Systematique des Radioprotecteurs (Thorough and Systematic Study of Radio Protectors).
PB85-212439 **19**-*542,856* PC **E07**/MF **E07**

Neuropathologie des Agressifs Chimiques de Guerre (Neuropathology of Chemical War Weapons).
PB85-215861 **20**-*546,014* PC **E03**/MF **E03**

Neuropathologie des Agressifs Chimiques de Guerre (Neuropathology of Chemical War Weapons).
PB85-216711 **20**-*546,015* PC **E03**/MF **E03**

CENTRE DE RECHERCHES DU SERVICE DE SANTE DES ARMEES, CLAMART (FRANCE). DIV. DE BIOLOGIE GENERALE ET ECOLOGIE.

CRSSA/BIO/ECO-84/1
Physiopathologie des Grands Brules. Traitement des Lesions de Brulure Excision par Prothese Cutanee Biologique: Etude Experimentale (Physiopathology of Large Burns. Treatment of Burn Lesion Excision by Biological Cutaneous Prosthesis: Experimental Study).
PB85-200590 **17**-*537,514* PC **E04**/MF **E04**

CENTRE DE RECHERCHES DU SERVICE DE SANTE DES ARMEES, CLAMART (FRANCE). DIV. DE RADIOBIOLOGIE ET RADIOPROTECTION.

CRSSA-2/RER
Epidemiologie et Biologie d'Affections Virales (Encephalopathies). Etude Physiopathologique des Affections a Virus Lents du Systeme Nerveux Central et du Role des Rayonnements dans leur Evolution (Epidemiology and Biology of Viral Infections (Encephalopathies). Physiopathological Study of Slow Virus Infections of the Central Nervous System and of the Role of Radiation in Their Evolution).
PB85-218261 **20**-*544,825* PC **E08**/MF **E08**

CENTRE DE RECHERCHES DU SERVICE DE SANTE DES ARMEES, LYON (FRANCE). DIV. DE MICROBIOLOGIE.

Etude des Hepatites Virales (Study of Viral Hepatitis).
PB85-142768 **07**-*514,590* PC **E03**/MF **E03**

Etude des Hepatites Virales: Fiche d'Exploitation (Study of Viral Hepatitis: Working Memo).
PB85-142776 **10**-*521,518* PC **E03**/MF **E03**

CENTRE DE RECHERCHES DU SERVICE DE SANTE DES ARMEES, PARIS (FRANCE).

SSA-1983-TS-4
1982 Scientific Works (by the Centre de Recherches du Service de Sante des Armees, Paris, France).
DE84751968 **05**-*511,135* PC **A16**/MF **A01**

CENTRE DE RECHERCHES EN PHYSIQUE DE L'ENVIRONNEMENT, ISSY-LES-MOULINEAUX (FRANCE).

CRPE-NT-134
Rapport d'Activite Crpe pour l'Annee 1983 (Activities Report in Earth and Planetary Environments Physics).
N85-14720/5 **08**-*515,841* PC **A04**/MF **A01**

CENTRE DE RECHERCHES ROUTIERES, BRUSSELS (BELGIUM).

CR-21/84
Etat des Connaissances Relatives a l'Utilisation en Remblais Routiers de Cendres Volantes de Fraiche Production Provenant d'une ou de Plusieurs Centrales Electriques (Study of Physical Characteristics of Freshly Produced Fly-Ash from the Exhaust Gases of Coal-Fired Power Stations).
PB85-139426 **07**-*515,094* PC **E08**/MF **E08**

CR-22-84
Etude en Laboratoire des Possibilites de Valorisation des Scories d'Acieries et des Laitiers de Haut Fourneau en Construction Routiere (Laboratory Test for Utilization of Crushed Steel Slags and of Granulated or Brushed Blast-Furnace Slags in Road Construction Materials).
PB85-146991 **08**-*517,159* PC **E08**/MF **E08**

CR-23/84
Identification et Proprietes de Bitumes Modifies ou Non pour Chapes d'Etancheite (Research on the Problem of Remedying the Intrinsic Causes of Deterioration in Waterproofing Courses in Mastic Asphalt).
PB85-232502 **24**-*556,014* PC **E09**/MF **E09**

CR-24/84
Deux Methodes de Calcul en vue de la Determination des Forces Dynamiques Exercees sur un Profil Routier par un Vehicule a Essieu Simple, et leur Verification Experimentale (Development of Two Algorithms Using a Dynamic System to Study the Interaction between the Vehicle and the Road Profile at the Site of the Expansion Joints in Bridge Decks).
PB85-233252 **23**-*553,627* PC **E06**/MF **E06**

CR-25/84
Compte Rendu de l'Execution de Sections Experimentales de Fondations a Base de Centres Volantes de Fraiche Production a Forest (Province de Brabant) (Study of Experimental Research in the Use of Fly Ash in Pozzolanic Concrete for Road Bases at Forest (Province de Brabant)).
PB85-233294 **23**-*553,522* PC **E07**/MF **E07**

CR-52/78
Code de bonne Pratique pour la Fabrication et la Mise en Oeuvre de Melanges Cendres Volantes-Chaux en Construction Routiere (Recommendations Dealing with Flying Ash-Lime Mixtures for the Evaluation of Freshly Produced Flying Ashes, in Different Applications of Road Construction).
PB85-155067 **10**-*522,344* PC **E05**/MF **E05**

CR-53/84
Code de Bonne Pratique pour la Realisation d'une Fondation Routiere en Beton Pouzzolanique a Base de Cendres Volantes de Fraiche Production (Good Practice Code for the Implementation of a Road Foundation of Pozzolana Cement on a Loose-Ash Base of Fresh Production).
PB85-155059 **10**-*522,343* PC **E05**/MF **E05**

MF-50/84
Mode Operatoire. Mesure du Bruit de Contact Pneu/Route (Operating Mode: Measurement of Tire/Road Contact Noise).
PB85-136471 **06**-*513,839* PC **E04**/MF **E04**

MF-51/84
Mode Operatoire: Determination des Modules Dynamiques des Sols par Resonance (Operating Mode: Determination of Dynamic Soil Modules by Resonance).
PB85-136463 **06**-*513,399* PC **E05**/MF **E05**

CENTRE DE RECHERCHES SCIENTIFIQUES ET TECHNIQUES DE L'INDUSTRIE DES FABRICATIONS METALLIQUES, BRUSSELS (BELGIUM).

Rapport Annuel du Comite Permanent au Conseil General, 1983 (Activities in Metal Manufacturing).
N84-33618/9 **01**-*501,873* PC **A03**/MF **A01**

CENTRE DES SCIENCES ET TECHNOLOGIE NUCLEAIRES, ALGIERS (ALGERIA).

INIS-mf-9459
Elaboration of a Nodal Method to Solve the Steady State Multigroup Diffusion Equation. Study and Use of the Multigroup Diffusion Code DAHRA.
DE85701118 **23**-*553,888* PC **A06**/MF **A01**

CENTRE EXPERIMENTAL EUROCONTROL, BRETIGNY-SUR-ORGE (FRANCE).

CEE-180
Mesures des Performances des Transpondeurs Embarques sur les Avions Utilisant l'Aeroport d'Orly (Measurement of the Performance of Airborne Transponders on Aircraft Taking Off at Orly Airport).
PB85-223360 **22**-*550,950* PC **E11**/MF **E11**

CEE-182
Production du Systeme de Traitement Initial des Plans de Vol STIP-CAUTRA 4. Rapport de fin de Projet (Initial Flight Plan Data Processing System STIP-CAUTRA 4, Software Implementation Report).
PB85-241073 **25**-*557,217* PC **E04**/MF **E04**

CENTRE FOR SCIENTIFIC AND TECHNICAL INFORMATION, PRETORIA (SOUTH AFRICA).

CSTI-76
Procedures for Use in Compiling Requirements Specifications for Computerized Library Systems.
PB85-150969 **10**-*521,137* PC **E04**/MF **E01**

CENTRE FOR THE STUDY OF EDUCATION IN DEVELOPING COUNTRIES, THE HAGUE (NETHERLANDS).

ISBN-906443241-4
Popular Performing Arts, Non-Formal Education and Social Change in the Third World: A Bibliography and Review Essay. Bibliography No. 7.
ED-252 198 **16**-*535,555* Not available NTIS

CENTRE NATIONAL D'ETUDES SPATIALES, TOULOUSE (FRANCE).

CNES-CT/DRT/TIT/RL-84/140-T
Etude de Brouillage de Doris Par les Faisceaux Hertziens a 2 Ghz (Study of the Interferences of 2 Ghz Radio BEAMS with a Doris System).
N85-31362/5 **23**-*553,777* PC **A02**/MF **A01**

CNES-CT/DRT/TIT/TR-83/221
Etude d'Une Chaine de Transmission de Signaux a Bande Limitee (Study of a Limited Band Signal Transmission Chain).
N85-31361/7 **23**-*553,776* PC **A02**/MF **A01**

CNES-CT/DTI/MS/AE/166
Simulation de la Restitution Fine d'Une Orbite Basse. Analyse de Covariance de la Position-Vitesse Par Mesures Doppler et Accelerometriques (Simulation of a Low Orbit Restitution. Covariance Analysis of the Position-Velocity by Doppler and Accelerometer Measurements).
N85-26836/5 **19**-*544,470* PC **A07**/MF **A01**

CNES-CT/DTI/MS/AE/170
Doris: Prediction de la Mesure Doppler (Doris: Prediction in Doppler Measurement).
N85-26843/1 **19**-*544,471* PC **A05**/MF **A01**

CNES-CT/PMF/APS/EMS-177
Mars Dust Sample Return Mission.
N85-12915/3 **07**-*515,704* PC **A03**/MF **A01**

CNES-DRT/TIT/RL-160-T
Modelisation de l'Altimetre Etat Solide: Description de la Simulation, Analyse des Premiers Resultats (Filtrage Bande Etroite, Ponderation) (Solid State Altimeter Model: Simulation Description; Analysis of First Results (Narrow Band Filters, Weighting)).
N85-31220/5 **23**-*554,536* PC **A03**/MF **A01**

CNES-NT-105
Simulation d'Une Chaine de Transmission a Elements Faiblement Non Lineaires. Calculs des Produits d'Intermodulation sur UN Signal Compose de N Porteuses (Simulation of a Transmission Circuit Composed of Slightly Nonlinear Elements. Computation of the Intermodulation on Signals Composed of N Carriers).
N85-13167/0 **07**-*514,859* PC **A04**/MF **A01**

CNES-NT-106
L'Organisation de la Qualite (Quality Organization).
N85-13257/9 **07**-*515,255* PC **A07**/MF **A01**

CNES-NT-107
Conception de Circuits Assistee Par Ordinateur: Realisation de Masques pour l'Elaboration de Circuits Microondes (Computerized Circuit Designs: Realization of Masks to Manufacture Microwave Circuits).
N85-13168/8 **07**-*515,150* PC **A05**/MF **A01**

CNES-NT-108
Fiabilite Composants et Technologies d'Assemblage (Component Reliability and Assembling Technologies).
N85-13258/7 **07**-*515,157* PC **A04**/MF **A01**

CNES-NT-109
Les Composants Electronics pour Applications Spatiales (Electronic Components for Space Applications).
N85-13169/6 **07**-*514,849* PC **A05**/MF **A01**

CNES-NT-110
L'Analyse de la Valeur (Value Analysis).
N85-13684/4 **07**-*514,463* PC **A06**/MF **A01**

CNES-NT-111
Les Systemes de Lancements (Launching Systems).
N85-12917/9 **07**-*515,721* PC **A04**/MF **A01**

CNES-NT-112
Etude de Caracterisation de la Technique de Liaison Par Connexions Enroulees Miniatures (Characterization of Solderless Miniwrapping Connections).
N85-27238/3 **19**-*543,606* PC **A05**/MF **A01**

CNES-83/168/T/CT/DRT/TIT/10
Analyse Spectro-Temporelle de l'Impulsion d'UN Laser a Colorant Bi-Frequences (Spectral Evolution of the Pulse of a Dual Frequency Dye Laser).
N85-31497/9 **23**-*554,217* PC **A02**/MF **A01**

CNES-83/219/CT/DRT/TIT/TR
Modulation a Quatre Etats de Phase. Etude Theorique de la Degradation Entrainee Par Une Modulation Parasite de Phase (Modulation Using Four Phase Levels. Theoretical Study of the Degradation Caused by a Spurious Phase Modulation).
N85-31360/9 **23**-*553,775* PC **A03**/MF **A01**

CNES-83/CT/DRT/TIT/OE/146
Detecteur Matriciel a Injection de Charges (CID): Constitution et Fonctionnement. Application aux Capteurs de Poursuite d'UN Point Lumineux (Etoile, Source Laser) (Charge Injection Device (CID) Used as a Photodector: Implementation and Performance. Application to Light Source Tracking (Stars, Lasers)).
N85-31983/8 **23**-*552,760* PC **A02**/MF **A01**

CNES-83/DRT/TIT/TR/142
Calcul des Filtres Optimaux de Transmission de Donnees (Optimum Filter Computation for Data Transmission).
N85-31359/1 **23**-*553,774* PC **A02**/MF **A01**

CNES-83/DRT/TIT/TR/150
Liaisons Optiques Intersatellite: Le Pointage en Avant (Intersatellite Optical Links: The Point Ahead Angle).
N85-31984/6 **23**-*553,781* PC **A02**/MF **A01**

CNES-84/105/T/CT/DRT/TIT/10
L'Optique Spatiale (Space Optics).
N85-31985/3 **23**-*553,683* PC **A02**/MF **A01**

CNES-84/142/T/CT/DRT/TIT/RL
Resultats de la Campagne Preliminaire MIZEX, 29 Juin 1983 - 19 Juillet 1983 (Results of the MIZEX Preliminary Campaign: 29 June to 19 July 1983).
N85-31609/9 **23**-*552,738* PC **A05**/MF **A01**

CNES-84/CT/DRT/SST/SE/242(1)
Systeme Vehicule Ariane. Sous-Systeme Pyrotechnique: Definition des Chaines et des Composants Pyrotechniques (Ariane Launcher System. Pyrotechnics Subsystem: Definition of Chains and Pyrotechnic Components).
N85-31081/1 **23**-*554,547* PC **A12**/MF **A01**

CNES-84/DRT/TIT/HY/T/145
Etude de la Partie Hyperfrequence de l'Altimetre Poseidon et Specifications des Equipements de la Maquette (Poseidon Altimeter: Study of the Hyperfrequency Section and Specifications of the Prototype Components).
N85-31219/7 **23**-*554,535* PC **A04**/MF **A01**

CNES-84/QPE/FT/190
Les Transistors MOS de Puissance (Metal Oxide Semiconductors Power Transistors).
N85-13166/2 **07**-*514,792* PC **A02**/MF **A01**

CNES-196-T-CT/DRT/TIT/RL
Traitement des Donnees du Radar a Synthese d'Ouverture (Synthetic Aperture Radar Data Processing).
N85-31363/3 **23**-*553,814* PC **A03**/MF **A01**

Experimentation de l'Atelier Ada de Rolm en Phase de Specification, Conception (Experimenting with the Rolm Ada Language Workshop for Specifying and Designing).
N85-12607/6 **06**-*513,442* PC **A09**/MF **A01**

Mission Interstellaire (Interstellar Mission).
N85-12916/1 **07**-*515,705* PC **A06**/MF **A01**

Data Collection and Platform Location by Satellite: Argos Users' Conference.
N85-23869/9 **17**-*537,798* PC **A07**/MF **A01**

Data Collection and Platform Location by Satellite: Argos Users' Conference.
N85-23883/0 **17**-*537,775* PC **A05**/MF **A01**

Proceedings of the Argos Users Conference on Data Collection and Location by Satellite.
N85-24348/3 **17**-*537,850* PC **A08**/MF **A01**

Data Collection and Platform Location by Satellite: Argos Users' Conference.
N85-24366/5 **17**-*537,851* PC **A09**/MF **A01**

Data Collection and Platform Location by Satellite: Argos Users' Conference.
N85-24391/3 **17**-*537,852* PC **A10**/MF **A01**

Data Collection and Platform Location by Satellite: Argos Users' Conference.
N85-24409/3 **17**-*537,853* PC **A14**/MF **A01**

Data Collection and Platform Location by Satellite: ARGOS Users' Conference.
N85-27333/2 **19**-*542,346* PC **A16**/MF **A01**

Location and Data Collection Satellite System ARGOS User's Guide.
N85-27371/2 **19**-*544,463* PC **A03**/MF **A01**

Programme Spatial Francais (French Space Program).
N85-33127/0 **26**-*560,120* PC **A09**/MF **A01**

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, BELLEVUE (FRANCE).

European Solid State Device Research Conference Including Solid State Device Technology (14th) ESSDERC 84 Held at Lille, France on 10-13 September 1984.
AD-A153 409/8 **16**-*535,964* PC **A19**/MF **A01**

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, BESANCON (FRANCE).

Oscillator Development.
(RADC-TR-84-180)
AD-A149 699/1 **09**-*519,058* PC **A03**/MF **A01**

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, MARSEILLE (FRANCE).

Simple Model of Inhomogeneity in Optical Thin Films.
PB85-206522
19-*544,059*
(Order as PB85-206324. PC **A13**/MF **A01**)

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, MARSEILLE (FRANCE). CENTRE DE PHYSIQUE THEORIQUE.

CNRS-CPT-82-P-1415
Review of the Best Pade Approximation Technics in Practical Computation.
DE84751403 **03**-*506,534* PC **A02**/MF **A01**

CNRS-CPT-82-P-1420
Parity Violations in Pp and Antipp Scattering at Psub(Lab)> = 1.5 GeV/C.
DE84751400 04-510,271 PC A02/MF A01

CNRS-CPT-82-P-1423
Group Theoretical Aspects of Infinitesimal Riemann-Hilbert Transform and Hidden Symmetry.
DE84751390 03-506,530 PC A02/MF A01

CNRS-CPT-82-P-1425
Schroedinger Operators with Electric Field and Random or Deterministic Potential.
DE84751399 03-507,726 PC A02/MF A01

CNRS-CPT-82-P-1427
Universe Model Confronted to Observations.
DE84752024 09-518,417 PC A03/MF A01

CNRS-CPT-82-P-1435
Singular Zone in the Universe: Proposal of Observation.
DE84752020 09-518,416 PC A02/MF A01

CNRS-CPT-82-PE-1421
Factorial Representations of Path Groups.
DE84751391 03-506,531 PC A02/MF A01

CNRS-CPT-82-PE-1454
Scattering by Impurities in a Solvable Model of a 3-Dimensional Crystal.
DE85750667 15-535,119 PC A02/MF A01

CNRS-CPT-83-P-1481
Role of Soft Gluons on the K Factor in Dilepton Production.
DE85780722 15-535,010 PC A02/MF A01

CNRS-CPT-83-P-1482
03 Nonlinear Sigma Model in the Semi-Classical Approximation.
DE85750535 15-534,917 PC A02/MF A01

CNRS-CPT-83-P-1484
Polarization as a Tool for Studying the Physics of Weak Interactions.
DE85750538 15-534,919 PC A02/MF A01

CNRS-CPT-83-P-1488
Minimal Gravitational Coupling in the Newtonian Theory and the Covariant Schroedinger Equation.
DE84751405 04-510,348 PC A02/MF A01

CNRS-CPT-83-P-1489
Non-Perturbative Neutrino Masses in Left-Right Symmetric Models.
DE84751408 03-507,582 PC A02/MF A01

CNRS-CPT-83-P-1490
Properties of the Scattering Amplitude for Electron-Atom Collisions.
DE84751406 04-508,782 PC A02/MF A01

CNRS-CPT-83-P-1491
Large N Reduced Gauge Theories: A Twisted Approach.
DE84751409 03-507,727 PC A02/MF A01

CNRS-CPT-83-P-1492
Variational Approach for Quarkonium Potentials.
DE84751407 03-507,581 PC A02/MF A01

CNRS-CPT-83-P-1493
Quantum Scattering Amplitude in Rsup(N) for Potentials Decreasing Faster Than /X/Sup(-(N + 1)/2).
DE84751404 04-510,272 PC A03/MF A01

CNRS-CPT-83-P-1526
Operator Continued Fractions and Bound States.
DE85780724 15-535,066 PC A02/MF A01

CNRS-CPT-83-P-1542
Structural Invariance of the Schroedinger Equation and Chronoprojective Geometry.
DE84751900 09-520,640 PC A02/MF A01

CNRS-CPT-83-P-1556
Multidimensional Universes, Kaluza-Klein, Einstein Spaces and Symmetry Breaking.
DE85750671 15-532,965 PC A03/MF A01

CNRS-CPT-83-P-1560
Spectral Properties of Almost-Periodic Hamiltonians.
DE85780723 15-535,065 PC A02/MF A01

CNRS-CPT-83-P-1564
Vacuum Baryon Number in the Chiral Bag Model.
DE85780728 15-535,013 PC A02/MF A01

CNRS-CPT-83-PE-1477
Electroweak Effects in N-N and AntiN-N Scattering.
DE84752021 09-520,429 PC A02/MF A01

CNRS-CPT-84-P-1585
Internal Einstein Spaces and Symmetry Breaking.
DE85780721 15-535,064 PC A02/MF A01

CNRS-CPT-84-P-1594
Charges in Spacelike Cones.
DE85750668 15-535,046 PC A02/MF A01

CNRS-CPT-84-P-1597
Are There Any Ergodic Local Relativistic Field Theories.
DE85750669 15-535,047 PC A02/MF A01

CNRS-CPT-84-P-1608
Electromagnetic Mass Differences Between Baryons in Potential Models.
DE85751291 20-546,763 PC A02/MF A01

CNRS-CPT-84-P-1611
Symmetries of Einstein-Yang-Mills Fields and Dimensional Reduction.
DE85780902 20-546,962 PC A02/MF A01

CNRS-CPT-84-P-1616
Relation Between the (N) And (N-1) Electrons Atomic Ground State.
DE85751168 25-557,987 PC A02/MF A01

CNRS-CPT-84-P-1622
Remark on the Cluster Theorem.
DE85751169 25-559,757 PC A02/MF A01

CNRS-CPT-84-P-1636
Gaussian Dominance on Compact Spin Manifolds.
DE85751259 24-556,958 PC A02/MF A01

CNRS-CPT-84-P-1637
Ito Calculus for sigma-Models and Yang-Mills Theories.
DE85751260 24-556,877 PC A02/MF A01

CNRS-CPT-84-P-1663
Non-Abelian Bohm-Aharonov Effect in Geometric Quantization.
DE85752069 26-561,895 PC A02/MF A01

CNRS-CPT-84-P-1664
Are Gauge Symmetries Symmetries.
DE85752071 26-561,870 PC A02/MF A01

CNRS-CPT-84-PE-1590
Short-Range Expansion for Multiple Well Scattering Theory.
DE85750536 20-546,756 PC A02/MF A01

CNRS-CPT-84-PE-1661
Survival of Grand Unified Monopoles.
DE85752070 26-561,869 PC A02/MF A01

CNRS-N-TH-83-02
Role of Soft Gluons on the K Factor in Dilepton Production.
DE85780722 15-535,010 PC A02/MF A01

IPNO-TH-84-32
Electromagnetic Mass Differences Between Baryons in Potential Models.
DE85751291 20-546,763 PC A02/MF A01

Flavor and Baryon Quantum Number Renormalizations in the P + F Model.
CNRS-CPT-79-PE-1150 20-546,581 PC A02/MF A01

Prequantisation from Path Integral Viewpoint.
CNRS-CPT-80-P-1230 20-546,904 PC A02/MF A01

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, MARSEILLE (FRANCE). GROUPEMENT D'INTERET SCIENTIFIC DE PHYSIOLOGIE HYPERBARD.

Plongee Profonde, Physiologie, Physiopathologie: Electrophysiologie et Neurochimie du Tissu Nerveux Cerebral sous Hautes Pressions d'Helium (Deep Dive, Physiology, Physiopathology: Study of Cerebral Cortex Sections under Pressure in Survival in an Ad Hoc Liquid).
PB85-172377 13-528,857 PC E04/MF E04

Etudes Electrophysiologiques et Neurochimiques du SNHP (Syndrome Nerveux des Hautes Pressions) chez le Petit Mammifere (Electrophysiological and Neurochemical Studies of the SNHP (Syndrome Nerveux des Hautes Pressions) in the Small Mammal).
PB85-204949 18-540,235 PC E05/MF E05

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, MARSEILLE (FRANCE). LAB. DE MECANIQUE ET D'ACOUSTIQUE.

Tomographie Oceanique: Une Technique d'Observation de l'Ocean a Grande Echelle (Oceanic Tomography: A Technique of Large-Scale Ocean Observation).
PB85-159168 10-521,895 PC E04/MF E04

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, MEUDON-BELLEVUE (FRANCE).

Preparation et Etude d'Hydrures Reversibles (Preparation and Examination of Reversible Hydrides).
PB85-215887 21-547,785 PC E03/MF E03

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, MEUDON-BELLEVUE (FRANCE). LAB. D'AEROTHERMIQUE.

Mesures dans les Ecoulements a Basse Pression Par Sonde a Faisceau Electronique (Measurements in Low Pressure Flow Using an Electronic Beam Detector).
N85-26676/5 19-544,000 PC A03/MF A01

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, ODEILLO (FRANCE). LAB. DES ULTRA-REFRACTAIRES.

Realisation Par Vapodeposition d'Aubages Enveloppes en Nitrure de Silicium (Realization by Vapor Deposition of Turbine Blades Covered with a Silicon Nitride Layer).
N85-31061/3 23-554,508 PC A02/MF A01

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, PARIS (FRANCE).

Etude de Catalyseurs Organiques pour Generateurs Electrochimiques (Study of Organic Catalysts for Electrochemical Generators).
PB85-176519 14-531,518 PC E03/MF E03

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, STRASBOURG (FRANCE). CENTRE DE NEUROCHIMIE.

Caracterisation de Plusieurs Classes de Recepteurs Dopaminergiques Cerebraux (Characterization of Several Groups of Cerebral Dopamonergic Receivers).
PB85-233245 23-552,226 PC E03/MF E03

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, TOULOUSE (FRANCE). INST. DE MECANIQUE DES FLUIDES.

CT-579
L'Hydrodynamique et l'Assainissement (Hydrodynamics and Sanitation).
N85-31672/7 23-553,419 PC A03/MF A01

EME-132
Intermittent Gas-Liquid Flow Modeling in Horizontal or Weakly Inclined Pipes.
N85-31465/6 23-554,205 PC A02/MF A01

EME-137
Some Remarks on the Constitutive Equations of Stratified Gas-Liquid Flow.
N85-31466/4 23-554,206 PC A02/MF A01

Developpement d'Instabilites Thermoconvectives en Milieu Poreux. Influence des Conditions a la Limite (Development of Thermoconvective Instabilities in Porous Media. Influence of Boundary Conditions).
N85-31461/5 23-554,203 PC A02/MF A01

Thermomigration en Milieu Poreux Etude du Developpement d'Une Zone S'Assechement (Thermomigration in Porous Media. Study of the Development of a Drying Zone).
N85-31462/3 23-552,740 PC A02/MF A01

Ecoulements Non Permanents Non Newtoniens dans UN Convergent Divergent (Nonnewtonian, Unsteady Flow in a Convergent Divergent Duct).
N85-31463/1 23-554,204 PC A02/MF A01

Solutions Hydrodynamiques pour la Diffusion de Constituants en Milieu Confine (Hydrodynamic Solutions for the Diffusion of Components in Confined Media).
N85-31464/9 23-553,417 PC A02/MF A01

Modelisation Mathematique du Cycle de l'Azote dans la Zone Non Sature d'UN Sol Cultive (Mathematical Model of the Nitrogen Cycle in a Nonsaturated Area of Cultivated Soil).
N85-31610/7 23-551,941 PC A02/MF A01

Modele d'Ecoulement Diphasique au Niveau d'UN Retrecissement de Section (A Two Phase Flow Model at the Level of a Narrowing Section).
N85-31799/8 23-552,278 PC A02/MF A01

Study of Molecular Diffusivity Influence on Mass Transfer Rate at a Water-Atmosphere Interface.
N85-33222/9 26-560,522 PC A02/MF A01

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, VERRIERES-LE-BUISSON (FRANCE). LAB. DE PHYSIQUE STELLAIRE ET PLANETAIRE.

G-127
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N85-32052/1 23-551,990 PC A06/MF A01

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Estimation des Besoins Nets en Energie pour le Chauffage des Batiments (Estimation of the Net Energy Needs for Building Heating).
PB85-182459 15-534,156 PC E04/MF E04

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Comptes Annuels Abreges pour les Petites et Moyennes Entreprises (Abbreviated Annual Accounts for Small Firms).
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TN-153
Problemes d'Humidite dans les Batiments. Causes des Degradations. Ponts Thermiques. Climat Interieur. Donnees pour la Conception et l'Execution des Batiments. Conditions d'Occupation des Batiments (Humidity Problems in Buildings. Causes of Deterioration. Thermal Bridges. Internal Climate. Data for the Design and Execution of Buildings. Occupation Conditions in Rooms).
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CETIM-1-3E-140
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CETIM-1-5H-38-6
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(AID-PN-AAL-800)
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DE85781258 **24**-*557,055* PC **A13**/MF **A01**

INIS-BR-235
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DE85780979 **25**-*559,105* PC **A07**/MF **A01**

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DE85780973 **22**-*551,630* PC **A07**/MF **A01**

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PB85-244028 **25**-*557,642* PC **A06**/MF **A01**

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PB85-244150 **25**-*557,252* PC **A03**/MF **A01**

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PB85-244184 **26**-*560,359* PC **A04**/MF **A01**

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PB85-244663 **26**-*560,360* PC **A07**/MF **A01**

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PB85-244671 **26**-*560,294* PC **A08**/MF **A01**

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PB85-244689 **26**-*561,186* PC **A08**/MF **A01**

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PB85-244697 **26**-*560,035* PC **A07**/MF **A01**

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PB85-244705 **26**-*560,361* PC **A08**/MF **A01**

Mejoramiento de la Produccion de Panela (Improvement in the 'Panela' Production).
PB85-244713 **26**-*560,006* PC **A03**/MF **A01**

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PB85-244721 **26**-*560,150* PC **A08**/MF **A01**

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PB85-244929 **26**-*560,037* PC **A10**/MF **A01**

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PB85-244986 **26**-*560,295* PC **A07**/MF **A01**

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CONF-8405314-1
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DE85781076 **25**-*558,092* PC **A03**/MF **A01**

CONF-8405314-2
Process for Uranium Recovery in Phosphoric Acid.
DE85781077 **25**-*558,455* PC **A02**/MF **A01**

CONF-8405314-3
Uranium Extraction in Phosphoric Acid.
DE85781078 **25**-*558,456* PC **A03**/MF **A01**

CONF-8405314-4
Evaluation of Two Processes for the Production of Phosphoric Acid in Pilot Scale.
DE85781081 **25**-*557,872* PC **A02**/MF **A01**

NUCLEBRAS-CDTN-446/82
PANTERA-1P: A Computer Code for Thermohydraulic Analysis of Water Core Reactors.
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DE84703401 **20**-*545,498* PC **A02**/MF **A01**

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DE85701465 **24**-*554,693* PC **A06**/MF **A01**

NUCLEBRAS-CDTN-458
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DE85781134 **24**-*556,514* PC **A03**/MF **A01**

NUCLEBRAS-CDTN-460
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NUCLEBRAS-CDTN-462
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DE85781176 **25**-*559,347* PC **A02**/MF **A01**

NUCLEBRAS-CDTN-463
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DE85781173 **24**-*556,516* PC **A02**/MF **A01**

NUCLEBRAS-CDTN-472
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NUCLEBRAS-CDTN-473
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DE85781067 **25**-*559,328* PC **A07**/MF **A01**

NUCLEBRAS-CDTN-474
Flotation of Phosphorous-Uraniferous Minerals from Itataia.
DE85781076 **25**-*558,092* PC **A03**/MF **A01**

NUCLEBRAS-CDTN-476
Process for Uranium Recovery in Phosphoric Acid.
DE85781077 **25**-*558,455* PC **A02**/MF **A01**

NUCLEBRAS-CDTN-477
Uranium Extraction in Phosphoric Acid.
DE85781078 **25**-*558,456* PC **A03**/MF **A01**

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CISE-R/FL/1/04
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N85-17127/0 **11**-*524,494* PC **A03**/MF **A01**

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N85-20578/9 **14**-*531,530* PC **A02**/MF **A01**

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CISE-2341
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N85-13555/6 **07**-*515,230* PC **A03**/MF **A01**

CISE-2373
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N85-20394/1 **14**-*532,264* PC **A02**/MF **A01**

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(AID-PN-AAM-072)
PB85-191336 **16**-*535,351* PC **A18**/MF **A01**

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PB85-143113 **07**-*514,376* PC **A07**/MF **A01**

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(AID-PN-AAM-092)
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PB85-109940 **02**-*504,146* PC **E03**/MF **E01**

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PB85-111144 **02**-*504,149* PC **E03**/MF **E01**

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PB85-111433 **02**-*504,151* PC **E03**/MF **E01**

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PB85-111490 **03**-*506,781* PC **E03**/MF **E01**

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N85-10096/4 **03**-*507,865* PC **A06**

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DMS-DR-2524
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AD-A146 881/8 **02**-*504,375* PC **A08**/MF **A01**

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PB85-116051 **03**-*505,474* PC **A03**/MF **A01**

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DE85001802 **04**-*509,001* PC **A03**/MF **A01**

DOE/ER/40091-T1
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DE85002637 **08**-*518,033* PC **A02**/MF **A01**

DOE/ER/45066-T1
Microstructure and Properties of Ferrous Alloy Weldments. Progress Report, April 1-December 31, 1984.
DE85005582 **11**-*524,481* PC **A04**/MF **A01**

DOE/PC/60784-T3
Rate of Coal Hydroliquefaction: Correlation to Coal Structure. Final Report.
DE85012242 **23**-*554,380* PC **A05**/MF **A01**

UCRL-15639
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DE85000997 **05**-*511,691* PC **A07**/MF **A01**

Abiotic Hydrolysis of Sorbed Pesticides.
(EPA/600/D-84/240)
PB85-106243 **01**-*501,113* PC **A03**/MF **A01**

COLORADO SCHOOL OF MINES, GOLDEN. CENTER FOR WAVE PHENOMENA.

CWP-007
Extension of the Born Inversion Method to a Depth Dependent Reference Profile.
AD-A146 469/2 **01**-*502,346* PC **A04**/MF **A01**

CWP-008
Born Inversion with a Stratified Reference Velocity.
AD-A149 222/2 **08**-*516,929* PC **A03**/MF **A01**

CWP-012
Acoustic Tomography in Boreholes Using an Algebraic Reconstruction Technique.
AD-A148 686/9 **06**-*513,389* PC **A04**/MF **A01**

CWP-014
Two-and-One-Half Dimensional In-Plane Wave Propagation.
AD-A150 467/9 **10**-*522,193* PC **A03**/MF **A01**

CWP-015
Asymptotic Construction of a Procedure for Plane-Wave Synthesis and Migration.
AD-A150 969/4 **11**-*524,177* PC **A03**/MF **A01**

CWP-016
Progress Report, October 1, 1984, Contract Number N00014-84-K-0049.
AD-A147 082/2 **02**-*503,750* PC **A02**/MF **A01**

CWP-017
Kirchhoff Modeling via Wave Equation Datuming.
AD-A152 399/2 **14**-*532,557* PC **A03**/MF **A01**

CWP-018
Fast Ray Tracing Routine for Laterally Inhomogeneous Media.
AD-A150 984/3 **11**-*524,238* PC **A03**/MF **A01**

CWP-021
Velocity Inversion Using a Stratified Reference.
AD-A150 082/6 **09**-*519,049* PC **A04**/MF **A01**

CWP-027
Pre-Stack Kirchhoff Inversion of Common Offset Data.
AD-A158 205/5 **24**-*556,586* PC **A04**/MF **A01**

CWP-028
Qualitative Analysis of Sign-Bit Processing.
AD-A154 776/9 **18**-*540,492* PC **A06**/MF **A01**

CWP-029
Analysis of Two-Parameter Constant Background Born Inversion for Acoustic Synthetic Data.
AD-A156 394/9 **21**-*548,818* PC **A07**/MF **A01**

CWP-031
Preliminary Report on Some Recent Results in Born Inversion.
AD-A158 926/6 **25**-*558,535* PC **A02**/MF **A01**

COLORADO SCHOOL OF MINES, GOLDEN. CENTER FOR WELDING RESEARCH.

MT-CWR-85-001
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(ARO-22674.1-MS-CF)
AD-A155 834/5 **21**-*548,615* PC **A02**/MF **A01**

COLORADO SCHOOL OF MINES, GOLDEN. DEPT. OF CHEMICAL AND PETROLEUM REFINING ENGINEERING.

DOE/MC/20693-T9
In-Situ Hydrate Thermal Measurements. In-Situ Hydrate Thermal Measurements: Project Status.
DE84017133 **02**-*505,198* PC **A02**/MF **A01**

DOE/MC/20693-T10
In-Situ Hydrate Thermal Measurements. Project Status.
DE85001014 **05**-*512,568* PC **A02**/MF **A01**

DOE/MC/20693-T11
In-Situ Hydrate Thermal Measurements Project Status.
DE85002698 **07**-*515,663* PC **A02**/MF **A01**

DOE/MC/20693-T13
Hydrate Thermal Properties Measurements. Monthly Report, January 1985.
DE85006909 **13**-*530,622* PC **A03**/MF **A01**

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Hydrate Thermal Measurements: Project Status. (Monthly Report, February-March 1985).
DE85009133 **15**-*535,189* PC **A02**/MF **A01**

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Enthalpy Measurement of Coal-Derived Liquids. Technical Progress Report, August-January 1982.
DE82012307 **02**-*505,131* PC **A06**/MF **A01**

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DE85001241 **08**-*518,222* PC **A04**/MF **A01**

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DE85006756 **19**-*544,349* PC **A02**/MF **A01**

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DE85011199 **20**-*547,062* PC **A02**/MF **A01**

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NAS 1.26:175856
Jet Fuel Instability Mechanisms.
(NASA-CR-175856)
N85-28127/7 **20**-*547,145* PC **A06**/MF **A01**

COLORADO SCHOOL OF MINES, GOLDEN. DEPT. OF GEOPHYSICS.

Research on Ocean Floor Electrical Surveys.
AD-A149 831/0 **09**-*519,054* PC **A03**/MF **A01**

COLORADO SCHOOL OF MINES, GOLDEN. DEPT. OF METALLURGICAL ENGINEERING.

Effect of Filler Wire and Flux Compositions on the Microstructure and Properties of Microalloyed Steel Weld Metal.
(DTNSRDC/SME-CR-17-84)
AD-A149 529/0 **08**-*517,167* PC **A07**/MF **A01**

COLORADO SCHOOL OF MINES, GOLDEN. EXCAVATION ENGINEERING AND EARTH MECHANICS INST.

DOE/PC/14189-1
Study of Oil Shale, Hydrocarbon, and Tar Sand Mining. Task 1. Ventilation, Oil Shale Mining. Final Technical Report.
DE85004000 **12**-*526,806* PC **A05**/MF **A01**

DOE/PC/14189-2
Study of Oil Shale, Hydrocarbon, and Tar Sand Mining. Task 2. Ground Control. Final Technical Report.
DE85004014 **12**-*526,808* PC **A06**/MF **A01**

DOE/PC/14189-3
Study of Oil Shale, Hydrocarbon, and Tar Sand Mining. Task 3. Mine Planning and Design. Final Technical Report.
DE85004013 **12**-*526,807* PC **A06**/MF **A01**

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DE85004366 **11**-*524,137* PC **A04**/MF **A01**

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Summary of a Technique for Heap Leach Simulation on Uranium Ores.
(BUMINES-OFR-193-84)
PB85-145811 **08**-*516,538* PC **A03**/MF **A01**

COLORADO STATE DEPT. OF HIGHWAYS, DENVER.

CDH-DTP-R-83-9
Self-Restoring Barrier (SERB) Guardrail Demonstration Project Number 939.
PB85-105476 **01**-*501,790* PC **A03**/MF **A01**

COLORADO STATE DEPT. OF HIGHWAYS, DENVER. DIV. OF TRANSPORTATION PLANNING.

CDH-DTP-R-81-8
Explosive Treatment to Correct Swelling Shales Project I 70-1(61).
(FHWA/CO/RD-81/8)
PB85-212066 **19**-*543,546* PC **A03**/MF **A01**

CDOH-DTP-R-83-14
MICRO2 - An Air Quality Intersection Model.
(FHWA/CO/RD-83/14)
PB85-219202 **22**-*550,651* PC **A03**/MF **A01**

CDOH-DTP-R-84
Driven Anchors to Stabilize Colluvial Slopes.
(FHWA/CDOH/DTP-84/9)
PB85-183598 **15**-*533,761* PC **A04**/MF **A01**

CDOH-DTP-R-84-12
Performance of Structural Foam Railroad Crossing Material.
PB85-186195 **15**-*534,247* PC **A02**/MF **A01**

CDOH-DTP-R-84-19
Pycnometer Shaker.
(FHWA/CO-84/19)
PB85-174985 **14**-*532,202* PC **A02**/MF **A01**

CDOH-DTP-R-84-20
Technology Transfer System Automation Implementation.
PB85-177335 **15**-*533,050* PC **A03**/MF **A01**

CDOH-DTP-R-85-2
Nighttime Paving.
PB85-233203 **23**-*553,463* PC **A03**/MF **A01**

COLORADO STATE GOVERNMENT, DENVER.

DOE/R8/01016-T1
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DE85011333 **19**-*543,085* PC **A02**/MF **A01**

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DOE/CS/30569-22
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DE85001679 **08**-*517,034* PC **A11**/MF **A01**

DOE/ER/10543-T1
Solar-Chemical Energy Conversion Via Reversible Liquid Phase Diels-Alder Reactions. Final Technical Report.
DE84005246 **02**-*503,529* PC **A03**/MF **A01**

DOE/ER/60118-2
Confirmation of Selected Milk and Meat Radionuclide Transfer Coefficients. Progress Report.
DE84016848 **03**-*505,761* PC **A02**/MF **A01**

DOE/LC/10863-T1
Overburden Characterization and Post-Burn Study of the North Knobs Steeply Dipping Bed Underground Coal Gasification (SDB-UCG) Site, Rawlins, Wyoming.
DE84003756 **14**-*532,749* PC **A12**/MF **A01**

DOE/LC/11010-1772
Overburden Characterization and Post-Burn Study of the Hanna IV, Underground Coal Gasification Site, Wyoming, and Comparison to Other Wyoming UCG Sites.
DE85003381 **18**-*540,498* PC **A13**/MF **A01**

ISSN-0067-0340
Global Low Order Spectral Model Designed for Climate Sensitivity Studies.
(NASA-CR-175999)
N85-30549/8 **22**-*549,436* PC **A04**/MF **A01**

NAS 1.26:174317
Sea Breeze-Induced Mesoscale Systems and Severe Weather.
(NASA-CR-174317)
N85-17480/3 **11**-*523,391* PC **A02**/MF **A01**

NAS 1.26:174862
Advanced Ion Thruster Research.
(NASA-CR-174862)
N85-19021/3 **13**-*530,578* PC **A04**/MF **A01**

NAS 1.26:175506
Measurements of the Surface Energy Budget in the Southern Gobi Desert of China, and in the Rocky Mountains of Colorado.
(NASA-CR-175506)
N85-21847/7 **14**-*531,553* PC **A05**/MF **A01**

NAS 1.26:175999
Global Low Order Spectral Model Designed for Climate Sensitivity Studies.
(NASA-CR-175999)
N85-30549/8 **22**-*549,438* PC **A04**/MF **A01**

NAS 1.26:176000
Atmospheric Planetary Wave Response to External Forcing.
(NASA-CR-176000)
N85-30548/0 **22**-*549,437* PC **A04**/MF **A01**

Electronic Transport Processes in Refractory Metal Silicides.
(ARO-18198.11-MS)
AD-A146 495/7 **01**-*502,622* PC **A02**/MF **A01**

Growth Mechanism and Properties of the Thermal and Anodic Oxides of the III-V Compound Semiconductors.
(ARO-18330.9-EL)
AD-A153 406/4 **16**-*536,919* PC **A02**/MF **A01**

Explanation and Extrapolation in Geomorphology: Seven Reasons for Geologic Uncertainty.
(ARO-19702.1-GS)
AD-A157 085/2 **23**-*552,635* PC **A02**/MF **A01**

Electronic Transport Properties of Tantalum Disilicide Thin Films.
(ARO-18198.10-MS)
AD-A157 938/2 **24**-*557,009* PC **A02**/MF **A01**

Experimental Studies of the Fluvial System.
(ARO-19702.8-GS)
AD-A158 347/5 **25**-*558,072* PC **A02**/MF **A01**

Integral Closed Loop Combustion Stability Model-Status and Review.
AD-P004 549/2 **15**-*535,267* PC **A02**/MF **A01**

Leaching and Selected Hydraulic Properties of Processed Oil Shales.
(EPA/600/D-84/228)
PB85-146405 **08**-*517,119* PC **A02**/MF **A01**

Increasing Compliance with Diet Regimens.
(NCHSR-85/10)
PB85-152692 **10**-*521,524* PC **A08**/MF **A01**

Removing 'Giardia' Cysts with Slow Sand Filtration.
(EPA/600/J-85/008)
PB85-176584 **14**-*532,081* Not available NTIS

Filtration of 'Giardia' Cysts and Other Substances. Volume 2. Slow Sand Filtration.
(EPA/600/2-85/026)
PB85-191633 **17**-*538,477* PC **A15**/MF **A01**

COLORADO STATE UNIV., FORT COLLINS. COLL. OF VETERINARY MEDICINE AND BIOMEDICAL SCIENCES.

CSU-FDA (Colorado State Univ.-Food and Drug Administration) Collaborative Radiological Health Laboratory Annual Report - 1982: Health Effects of Prenatal and Postnatal Whole-Body Exposure to Ionizing Radiation in the Beagle Dog.
(HHS/PUB/FDA-84/8042, FDA/CDRH-85/4)
PB85-118024 **03**-*505,766* PC **A05**/MF **A01**

COLORADO STATE UNIV., FORT COLLINS. DEPT. OF AGRICULTURAL AND CHEMICAL ENGINEERING.

Quality and Quantity of Leachate from Raw Mined Colorado Oil Shale.
(EPA/600/D-84/143)
PB85-118057 **04**-*509,008* PC **A02**/MF **A01**

Unsaturated Soil Hydraulic Properties from Redistribution of Injected Water.
(EPA/600/J-84/279)
PB85-193001 **17**-*537,805* Not available NTIS

COLORADO STATE UNIV., FORT COLLINS. DEPT. OF AGRONOMY.

Solid Phase Formation and Solution Chemistry of Nickel in Soils: 2. Experimental.
(EPA/600/J-84/277)
PB85-192979 **16**-*535,962* Not available NTIS

Solid Phase Formation and Solution Chemistry of Nickel in Soils: 1. Theoretical.
(EPA/600/J-84/276)
PB85-192987 **16**-*535,963* Not available NTIS

COLORADO STATE UNIV., FORT COLLINS. DEPT. OF ATMOSPHERIC SCIENCE.

SCIENTIFIC-4
Spatial and Temporal Variations in Mesoscale Water Vapor Retrieved from TOVS (TIROS Operational Vertical Sounder) Infrared Radiances in a Nocturnal Inversion Situation.
(AFGL-TR-83-0183)
AD-A146 586/3 **01**-*500,181* PC **A02**/MF **A01**

Plateau Monsoons of the Northern Hemisphere: A Comparison between North America and Tibet.
(AFOSR-TR-84-0853)
AD-A147 077/2 **02**-*502,918* PC **A02**/MF **A01**

Plateau Effects on Diurnal Circulation Patterns.
(AFOSR-TR-84-0852)
AD-A147 114/3 **02**-*502,919* PC **A02**/MF **A01**

Assessment of the Potential for Temperature and Moisture Retrievals from SSH-1 (Special Sensor H-1) Radiances.
(AFGL-TR-82-0325)
AD-A147 643/1 **04**-*508,069* PC **A05**/MF **A01**

Estimation of Water Vapor Profiles from Total Precipitable Water.
(AFGL-TR-83-0175)
AD-A147 886/6 **04**-*508,073* PC **A02**/MF **A01**

Satellite Sounding Applications at the Synoptic Scale and as Input to Global Numerical Models.
(AFGL-TR-83-0269)
AD-A148 012/8 **04**-*508,054* PC **A06**/MF **A01**

Varying Structure and Intensity Change Characteristics of Four Western North Pacific Tropical Cyclones.
(NEPRF-CR-84-08)
AD-A149 628/0 **10**-*521,032* PC **A06**/MF **A01**

Characteristics of North Indian Ocean Tropical Cyclone Activity.
(NEPRF-CR-84-11)
AD-A153 085/6 **15**-*532,996* PC **A06**/MF **A01**

Late-Morning Jump in TKE (Turbulence Kinetic Energy) in the Mixed Layer over a Mountain Basin.
(AFGL-TR-85-0126)
AD-A156 310/5 **21**-*547,272* PC **A02**/MF **A01**

Satellite Support to the Sierra Cooperative Pilot Project: 1979/80 and 1980/81.
PB85-115079 **02**-*502,970* PC **A05**/MF **A01**

COLORADO STATE UNIV., FORT COLLINS. DEPT. OF CHEMISTRY.

DOE/ER/10968-3
Chemically Modified Electrodes and Related Solution Chemistry. Technical Progress Report, June 1, 1983-September 1, 1984.
DE84017110 **02**-*503,569* PC **A02**/MF **A01**

DOE/ER/13299-1
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DE85004883 **11**-*523,995* PC **A02**/MF **A01**

DOE/LC/10652-T1
NMR Studies of Fossil Fuels. Final Technical Report.
DE85005418 **11**-*525,758* PC **A02**/MF **A01**

Supersonic Molecular Jet Study of the Liquid State.
(ARO-18194.3-CH)
AD-A147 416/2 **03**-*505,835* PC **A02**/MF **A01**

Chiral Polymers.
(ARO-18630.2-CH)
AD-A150 366/3 **10**-*521,664* PC **A02**/MF **A01**

Biphenylene End-Capped Polyaromatics.
(ARO-20842.2-CH)
AD-A151 258/1 **12**-*527,143* Not available NTIS

New Developments in High Temperature and High Strength Polyquinolines.
(ARO-20842.1-CH)
AD-A151 339/9 **12**-*527,146* Not available NTIS

COLORADO STATE UNIV., FORT COLLINS. DEPT. OF CIVIL ENGINEERING.

Wind-Tunnel Research on the Mechanics of Plumes in the Atmospheric Surface Layer.
(CRDC-CR-84098)
AD-A150 019/8 **09**-*518,458* PC **A08**/MF **A01**

Filtration of 'Giardia' Cysts and Other Substances. Volume 3. Rapid Rate Filtration.
(EPA/600/2-85/027)
PB85-194645 **17**-*538,498* PC **A14**/MF **A01**

COLORADO STATE UNIV., FORT COLLINS. DEPT. OF EARTH RESOURCES.

Patterns of Alluvial Rivers.
(ARO-19702.7-GS)
AD-A157 105/8 **23**-*553,351* Not available NTIS

COLORADO STATE UNIV., FORT COLLINS. DEPT. OF ELECTRICAL ENGINEERING.

Magnetic Field Interactions with Material Discontinuities.
(ARO-17923.1-MS)
AD-A150 197/2 **10**-*522,463* PC **A03**/MF **A01**

COLORADO STATE UNIV., FORT COLLINS. DEPT. OF MECHANICAL ENGINEERING.

NAS 1.26:174810
Ion Thruster Performance Model.
(NASA-CR-174810)
N85-12935/1 **07**-*515,602* PC **A07**/MF **A01**

NBSIR-84-2906
Thickness Effect in Low-Density Insulation.
DE85003065 **08**-*517,041* PC **A03**/MF **A01**

Thickness Effect in Low-Density Insulation.
(NBSIR-84/2906)
PB85-163376 **08**-*517,069* PC **A03**/MF **A01**

COLORADO STATE UNIV., FORT COLLINS. DEPT. OF PHYSICS.

NAS 1.26:174029
Experiments with Phase Transitions at Very High Pressure.
(NASA-CR-174029)
N85-11148/2 **04**-*510,180* PC **A03**/MF **A01**

NAS 1.26:174262
Understanding the High Pressure Properties of Molecular Solids and Molecular Surfaces Deposited on Hetrogeneous Substrates.
(NASA-CR-174262)
N85-16649/4 **10**-*521,018* PC **A02**/MF **A01**

SAND-84-7144
Stability of Condensation Fronts in a Porous Medium. Final Report, January-December 1983.
DE85004110 **11**-*524,134* PC **A03**/MF **A01**

Molecular Bonding in Optical Films Deposited by Ion-Beam Sputtering.
PB85-206555 **19**-*544,062*
(Order as PB85-206324, PC **A13**/MF **A01**)

COLORADO STATE UNIV., FORT COLLINS. DEPT. OF RADIOLOGY AND RADIATION BIOLOGY.

DOE/EV/10305-12
Effects of Barium Chloride Treatment of Uranium Mill Tailings and Ore on Radon Emanation and sup 226 Ra Levels. Progress Report.
DE85000010 **06**-*514,010* PC **A04**/MF **A01**

DOE/EV/10305-13
Leachability of sup 226 Ra from Spiked Soil as a Function of Time.
DE85000009 **06**-*514,009* PC **A03**/MF **A01**

DOE/EV/10305-14
Intrusion of Soil Covered Uranium Mill Tailings by Whitetail Prairie Dogs and Richardson's Ground Squirrels.
DE85000007 **06**-*514,003* PC **A05**/MF **A01**

DOE/EV/10305-15
Radioecological Investigations of Uranium Mill Tailings Systems. Fifth Technical Progress Report, October 1, 1983-September 30, 1984.
DE85000005 **07**-*515,422* PC **A04**/MF **A01**

COLORADO STATE UNIV., FORT COLLINS. DEPT. OF RANGE SCIENCE.

DOE/EV/04018-8
Semiarid Ecosystem Development as a Function of Resource Processing and Allocation.
DE85007290 **12**-*526,502* PC **A06**/MF **A01**

COLORADO STATE UNIV., FORT COLLINS. ENGINEERING RESEARCH CENTER.

Discharge and Mechanical Efficiency of Egyptian Water-Lifting Wheels.
(AID-PN-AAM-711)
PB85-154375 **10**-*520,988* PC **A03**/MF **A01**

COLORADO STATE UNIV., FORT COLLINS. FLUID DYNAMICS AND DIFFUSION LAB.

Estimation of Atmospheric Dispersion at Nuclear Power Plants Utilizing Real Time Anemometer Statistics.
NUREG/CR-4072 **08**-*517,595* PC **A11**/MF **A01**

COLORADO STATE UNIV., FORT COLLINS. NATURAL RESOURCES ECOLOGY LAB.

Effects of Acidic Precipitation on the North American Continent.
(EPA/600/D-85/179)
PB85-239382 **25**-*557,695* PC **A02**/MF **A01**

COLORADO SUNWORKS, BOULDER.

DOE/R8/00439-T1
Breadbox Solar Water Heater. Final Technical Report.
DE85011341 **20**-*545,622* MF **A01**

COLORADO UNIV. AT BOULDER.

153-3223
Ion Transport in Beam-Plasma Interactions.
(AFOSR-TR-84-1257)
AD-A150 145/1 **10**-*523,045* PC **A02**/MF **A01**

BNL-35378
Identification of W Pairs at the SSC.
DE85003214 **09**-*520,477* PC **A02**/MF **A01**

CONF-850819-1
Study of the Inclusive K/sub S/ sup 0 Production in Diffractive gamma P Interactions.
DE85014902 **25**-*559,519* PC **A02**/MF **A01**

CONF-850819-2
Study of the Inclusive lambda , Anti lambda Production in Diffractive gamma P Interactions.
DE85014903 **25**-*559,520* PC **A02**/MF **A01**

CONF-8406189-9
Lattice Monte Carlo Calculations of Finite Temperature QCD.
DE85004035 **11**-*525,442* PC **A02**/MF **A01**

CONF-8406198-21
Identification of W Pairs at the SSC.
DE85003214 **09**-*520,477* PC **A02**/MF **A01**

DOE/ER/10366-1
Sensitization and Quenching in the Conversion of Light Energy into Chemical Energy. Progress Report, February 1, 1979-January 31, 1980.
DE85008112 **15**-*533,650* PC **A02**/MF **A01**

DOE/ER/10366-5
Sensitization and Quenching in the Conversion of Light Energy into Chemical Energy. Final Report.
DE85006301 **11**-*524,028* PC **A02**/MF **A01**

DOE/ER/10718-2
Fortran-Oriented Software Tools Research.

DE85011400 **18**-*540,618* PC **A02**/MF **A01**

DOE/ER/10718-5
Toolpack. Final Report, August 1, 1980-July 31, 1984.
DE85013135 **22**-*550,225* PC **A02**/MF **A01**

DOE/ER/10736-3
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DE85005837 **12**-*526,677* PC **A02**/MF **A01**

DOE/ER/10981-3
Studies of Elimination Reactions of Metal Complexes. Progress Report, August 1, 1981-July 31, 1985.
DE85007920 **13**-*528,987* PC **A02**/MF **A01**

DOE/ER/13004-2
Light Scattering Studies of Lower Dimensional Colloidal Particle and Critical Fluid Systems.
DE85002087 **05**-*511,238* PC **A02**/MF **A01**

DOE/ER/13247-1
Chemical Probes of Charge Transfer at Semiconductor/Liquid Junctions. Technical Report for May 15, 1984-January 15, 1985.
DE85013082 **22**-*550,000* PC **A02**/MF **A01**

DOE/ER/40025-13
Elementary Particles and High Energy Phenomena. Progress Report.
DE85002095 **06**-*514,172* PC **A03**/MF **A01**

DOE/ER/40025-20
High Precision Measurement of the E exp + E exp - Yields E exp + E exp - Angular Distribution at Sqrt S = 29 GeV.
(-CONF--840757--26)
DE85004722 **15**-*534,848* PC **A02**/MF **A01**

DOE/ER/40025-26
Vertex Chamber (TC) Reconstruction.
DE85005348 **11**-*525,413* PC **A02**/MF **A01**

DOE/ER/40025-27
Trigger Drift Chamber for the MKII Upgrade at PEP.
DE85004873 **11**-*525,402* PC **A02**/MF **A01**

DOE/ER/40025-31
Lattice Monte Carlo Calculations of Finite Temperature QCD.
DE85004035 **11**-*525,442* PC **A02**/MF **A01**

DOE/ER/40025-33
High Energy Physics. Progress Report, October 1984-June 1985.
DE85014272 **24**-*556,822* PC **A03**/MF **A01**

DOE/ER/40025-34
Comments About the Electroweak Asymmetry in E sup + E sup - Yields F Anti F.
DE85014899 **24**-*556,844* PC **A02**/MF **A01**

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Analysis of Cherenkov Counter Efficiencies for E691.
DE85014900 **24**-*556,299* PC **A02**/MF **A01**

DOE/ER/40025-37
Study of the Inclusive K/sub S/ sup 0 Production in Diffractive gamma P Interactions.
DE85014902 **25**-*559,519* PC **A02**/MF **A01**

DOE/ER/40025-38
Study of the Inclusive lambda , Anti lambda Production in Diffractive gamma P Interactions.
DE85014903 **25**-*559,520* PC **A02**/MF **A01**

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Design for Small Angle (0 to 2 Degrees) Spectrometer for EP or Anti Pp Collisions at DO.
DE85005015 **11**-*525,030* PC **A02**/MF **A01**

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DE85006075 **12**-*526,815* PC **A02**/MF **A01**

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DE85003535 **12**-*528,128* PC **A02**/MF **A01**

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DE85007036 **14**-*532,765* PC **A02**/MF **A01**

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DE85011914 **20**-*547,075* PC **A02**/MF **A01**

DOE/PC/50798-T6
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DE85012844 **23**-*554,397* PC **A02**/MF **A01**

DOE/PC/70779-1
Studies of Metal/Carbon Surface Chemistry. Reporting Period: September 1-December 31, 1984.
DE85005513 **12**-*528,151* PC **A02**/MF **A01**

DOE/PC/70779-T1
Studies of Metal/Carbon Surface Chemistry. Reporting Period: March 1, 1985-May 31, 1985.
DE85015548 **26**-*561,986* PC **A02**/MF **A01**

MAC-704
High Precision Measurement of the E exp + E exp - Yields E exp + E exp - Angular Distribution at Sqrt S = 29 GeV.
(-CONF--840757--26)
DE85004722 **15**-*534,848* PC **A02**/MF **A01**

MAC-730
Comments About the Electroweak Asymmetry in E sup + E sup - Yields F Anti F.
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Laser-Induced Fluorescence Measurement of Nascent Vibrational and Rotational Product State Distributions in the Charge Transfer of Ar(+) + N2 yields Ar + N2(+) (v = 0,1) at 0.2 eV.
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AD-A150 127/9 **09**-*518,853* PC **A02**/MF **A01**

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(AFOSR-TR-85-0148)
AD-A150 980/1 **11**-*523,975* PC **A02**/MF **A01**

Skilled Memory.
AD-A152 063/4 **13**-*528,648* PC **A03**/MF **A01**

Unsteady Aerodynamic Loading of an Airfoil due to Vortices Released Intermittently from Its Upper Surface.
AD-P004 162/4 **05**-*510,561* PC **A02**/MF **A01**

Ignition Phenomena of Bulk Aluminum Alloy as a Function of Oxygen Pressure.
AD-P004 524/5 **15**-*535,134* PC **A02**/MF **A01**

Sorption Properties of Model Compounds on C18 Adsorbents.
(EPA/600/1-84/026)
PB85-125839 **05**-*511,846* PC **A03**/MF **A01**

Descriptive and Interpretative Study of Housing, Employment, and Population Patterns for Regions, Metropolitan Areas, and Central Cities and Suburbs.
(HUD-0003896)
PB85-217180 **17**-*537,407* PC **A11**/MF **A01**

COLORADO UNIV. AT BOULDER. DEPT. OF AEROSPACE ENGINEERING SCIENCES.

Comparative Visualization of Accelerating Flow around Various Bodies, Starting from Rest.
AD-P004 159/0 **05**-*512,414* PC **A02**/MF **A01**

Unsteady Separated Flow. Forced and Common Vorticity about Oscillating Airfoils.
AD-P004 167/3 **05**-*510,564* PC **A02**/MF **A01**

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(AFGL-TR-84-0250)
AD-A146 514/5 **01**-*500,177* PC **A02**/MF **A01**

Solar Convection.
(AFGL-TR-84-0130)
AD-A155 214/0 **19**-*542,194* PC **A03**/MF **A01**

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DE85000424 **07**-*515,619* PC **A02**/MF **A01**

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AD-A150 451/3 **10**-*521,780* PC **A02**/MF **A01**

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AD-A151 456/1 **12**-*526,651* Not available NTIS

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AD-A151 492/6 **12**-*526,654* Not available NTIS

Gas Phase Ion-Molecule Chemistry of Carbon, Nitrogen and Oxygen Compounds.
(ARO-16004.11-CH, ARO-18667.15-CH)
AD-A152 876/9 **15**-*533,488* PC **A02**/MF **A01**

COLORADO UNIV. AT BOULDER. DEPT. OF CIVIL, ENVIRONMENTAL, AND ARCHITECTURAL ENGINEERING.

STRUCTURAL RESEARCH SER-8301
Scale Relationships of Concrete Beam-Column Joints.
(NSF/CEE-84035)
PB85-149631 **08**-*517,239* PC **A05**/MF **A01**

Optimization of Nitrogen Removal by Rapid Infiltration. Volume 1. System Description and Evaluation.
(EPA/600/2-85/016A)
PB85-173938 **12**-*527,354* PC **A06**/MF **A01**

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PB85-173946 **12**-*527,355* PC **A15**/MF **A01**

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CU-CS-272-84
Continuity of the Null Space Basis and Constrained Optimization.
(ARO-18197.5-MA)
AD-A147 038/4 **02**-*504,117* PC **A02**/MF **A01**

CU-CS-282-84
Parallel Computing in Optimization.
(ARO-21453.1-MA)
AD-A151 812/5 **13**-*529,139* PC **A03**/MF **A01**

CU-CS-302-84
Computational Experience with Confidence Regions and Confidence Intervals for Nonlinear Least Squares.
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AD-A158 456/4 **25**-*558,508* PC **A03**/MF **A01**

DOE/ER/10718-1
ODIN - An Extensible Software Environment Report and User's Reference Manual.
DE85008459 **17**-*537,936* PC **A05**/MF **A01**

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DE85011075 **18**-*540,611* PC **A03**/MF **A01**

DOE/ER/13283-2
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DE85012776 **21**-*547,961* PC **A03**/MF **A01**

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(ARO-18197.6-MA)
AD-A147 073/1 **02**-*504,142* PC **A02**/MF **A01**

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(AFOSR-TR-85-0237)
AD-A151 268/0 **12**-*527,908* PC **A02**/MF **A01**

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CONF-850146-8
Charm and Heavy Flavor Lifetimes.
DE85014901 **24**-*556,845* PC **A03**/MF **A01**

CONF-8304153-2
Diffraction: What Do We Know; What Can We Learn.
DE85004870 **11**-*525,461* PC **A02**/MF **A01**

CONF-8403113-8
Improved B Lifetime Measurement from MAC.
DE85004840 **11**-*525,458* PC **A02**/MF **A01**

CONF-8404215-2
Recent Results from PEP.
DE85004866 **12**-*527,989* PC **A05**/MF **A01**

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Improved B Lifetime Measurement from MAC.
DE85004840 **11**-*525,458* PC **A02**/MF **A01**

DOE/ER/40025-19
Recent Results from PEP.
DE85004866 **12**-*527,989* PC **A05**/MF **A01**

DOE/ER/40025-36
Charm and Heavy Flavor Lifetimes.
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What Test Masses Are Best for an Eoetvoes Experiment.
PB85-131290 **08**-*518,125*
(Order as PB85-130078, PC **A99**/MF **A01**)

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ICS-TR-139
Conceptualizing in Assembly Tasks.
AD-A155 564/8 **19**-*542,477* PC **A03**/MF **A01**

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Technical Report on Sound Levels in Bryce Canyon National Park and the Noise Impact of the Proposed Alton Coal Mine,
PB85-197036 **17**-*539,259* PC **A07**/MF **A01**

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AD-A152 872/8 **15**-*535,099* Not available NTIS

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Risk Assessment of Wastewater Disinfection.
(EPA/600/2-85/037)
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DE85007359 **13**-*530,642* PC **A06**/MF **A01**

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DE85006165 **11**-*524,262* PC **A04**/MF **A01**

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(EPA/600/D-85/186)
PB85-238533 **25**-*557,238* PC **A02**/MF **A01**

COLORADO VIDEO, INC., BOULDER.

Tele-Education: Teaching over the Telephone with Slow-Scan Video,
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COMPLETION-135
Cost-Effective Design and Operation of Urban Stormwater Control Systems: Decision-Support Software.
(CWRT-90037-U(2))
PB85-203941 **19**-*543,497* PC **A10**/MF **A01**

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(USGS/G-831-01)
PB85-214781 **20**-*545,764* PC **A05**/MF **A01**

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(USGS/G-831-02)
PB85-214799 **20**-*545,102* PC **A08**/MF **A01**

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FISH AND WILDLIFE LEAFLET-1
Acid Rain: Effects on Fish and Wildlife,
PB85-154672 **10**-*521,422* PC **A02**/MF **A01**

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AD-A150 605/4 **10**-*522,572* PC **A02**/MF **A01**

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AD-A152 364/6 **14**-*531,236* PC **A03**/MF **A01**

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CAL-1553
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AD-A151 111/2 **12**-*525,974* PC **A02**/MF **A01**

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AD-P004 435/4 **12**-*526,424* PC **A02**/MF **A01**

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TR-9
Mechanisms of Phenylacetylene Polymerization by Molybdenum and Titanium Initiators.
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TR-10
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TR-11
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AD-A146 320/7 **01**-*501,014* Not available NTIS

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AD-A148 208/2 **05**-*511,183* PC **A02**/MF **A01**

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(AFOSR-TR-84-1008)
AD-A148 463/3 **05**-*511,212* PC **A02**/MF **A01**

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AD-A150 310/1 **10**-*521,758* PC **A02**/MF **A01**

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AD-A150 976/9 **11**-*524,057* PC **A02**/MF **A01**

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AD-A153 429/6 **16**-*535,805* Not available NTIS

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AD-A154 141/6 **17**-*537,623* PC **A02**/MF **A01**

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NAS 1.26:175982
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TR-2
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8
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11
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TR-5
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TR-6
Sticking Probability of H2 and HD on Noble Metal Surfaces.
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TR-6
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TR-12
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National Program for Inspection of Non-Federal Dams. Rising Paper Company Dam MA 00250, Housatonic River Basin, Great Barrington, Massachusetts. Phase 1 Inspection Report.
AD-A154 530/0 18-*541,065* PC **A06**/MF **A01**

National Program for Inspection of Non-Federal Dams. Washington Mountain Lake Dike MA 00319, Housatonic River Basin, Washington, Massachusetts. Phase 1 Inspection Report.
AD-A154 531/8 18-*541,066* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Lost Wilderness Lake Southern Dam (Twining Pond Dam) (MA 00321), Farmington River Basin, Tolland, Massachusetts. Phase 1 Inspection Report.
AD-A154 535/9 18-*541,067* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Plunkett Reservoir Dam (MA 00226), Housatonic River Basin, Hinsdale, Massachusetts. Phase 1 Inspection Report.
AD-A154 536/7 18-*541,068* PC **A06**/MF **A01**

National Program for Inspection of Non-Federal Dams. Sandwash Dam (MA 00316) Housatonic River Basin, Washington, Massachusetts. Phase 1 Inspection Report.
AD-A154 549/0 18-*541,069* PC **A06**/MF **A01**

National Program for Inspection of Non-Federal Dams. Greenwater Pond Dam (MA 00204), Housatonic River Basin, Becket, Massachusetts. Greenwater Pond Dam (MA 00204) Phase 1 Inspection Report.
AD-A154 550/8 18-*541,070* PC **A06**/MF **A01**

National Program for Inspection of Non-Federal Dams. Browns Pond Dam MA 00192, North River Basin, Peabody, Massachusetts. Phase 1 Inspection Report.
AD-A154 632/4 18-*541,072* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Foss Reservoir Dam (MA 00339), Merrimack River Basin, Framingham, Massachusetts. Phase 1 Inspection Report.
AD-A154 643/1 18-*541,073* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Erikson Dam MA 00195, Assabet River Basin, Acton, Massachusetts. Phase 1 Inspection Report.
AD-A154 645/6 18-*541,074* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Goose Pond Dam (MA 00312). Housatonic River Basin, Tyringham, Massachusetts. Phase 1 Inspection Report.
AD-A154 653/0 18-*541,075* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Notch Reservoir Dam (MA 00283), Hoosic River Basin, North Adams, Massachusetts. Phase 1 Inspection Report.
AD-A154 665/4 18-*541,076* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Lake Garfield Dam (MA 00249), Housatonic River Basin, Monterey, Massachusetts. Phase 1 Inspection Report.
AD-A154 666/2 18-*541,077* PC **A08**/MF **A01**

National Program for Inspection of Non-Federal Dams. North Silver Lake Dam (MA 00307), Connecticut River Basin, Sandisfield, Massachusetts. Phase 1 Inspection Report.
AD-A154 667/0 18-*541,078* PC **A07**/MF **A01**

National Program for Inspection of Non-Federal Dams. Moody Street Dam (MA 00345), Massachusetts-Rhode Island Coastal Basin, Waltham, Massachusetts. Phase 1 Inspection Report.
AD-A154 668/8 18-*541,079* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Assabet River Dam (MA 01000), Assabet River Basin, Westborough, Massachusetts. Phase 1 Inspection Report.
AD-A154 689/4 18-*541,081* PC **A06**/MF **A01**

National Program for Inspection of Non-Federal Dams. Lynde Brook Reservoir Dam (MA 00990) East Dike (MA 01290), Blackstone River Basin, Leicester, Massachusetts. Phase 1 Inspection Report.
AD-A154 692/8 18-*541,082* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Flying Pond Dam (ME-00299), Androscoggin River Basin, Mount Vernon, Maine. Phase 1 Inspection Report.
AD-A154 693/6 18-*541,083* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Otis Reservoir Dam MA 00306, Connecticut River Basin, Otis, Massachusetts. Phase 1 Inspection Report.
AD-A154 695/1 18-*541,084* PC **A06**/MF **A01**

National Program for Inspection of Non-Federal Dams. Fountain Pond Dam MA 00191, Massachusetts Coastal Basin, Peabody, Massachusetts. Phase 1 Inspection Report.
AD-A154 696/9 18-*541,085* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Hopkinton Reservoir Dam MA 00437, Merrimack River Basin, Ashland, Massachusetts. Phase 1 Inspection Report.
AD-A154 697/7 18-*541,086* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Eclipse Dam MA 00279, Hoosic River Basin, North Adams, Massachusetts. Phase 1 Inspection Report.
AD-A154 701/7 18-*541,087* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. West Lake Dam (MA 00288), Connecticut River Basin, Sandisfield, Massachusetts. Phase 1 Inspection Report.
AD-A154 719/9 18-*541,090* PC **A09**/MF **A01**

National Program for Inspection of Non-Federal Dams. Central Street Dam (MA 00340), Sudbury River Basin, Framingham, Massachusetts. Phase 1 Inspection Report.
AD-A154 720/7 18-*541,091* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. North Reservoir Dam (MA 00457) Massachusetts-Rhode Island Coastal Basin, Winchester, Massachusetts. Phase 1 Inspection Report.
AD-A154 731/4 18-*541,093* MF **A01**

National Program for Inspection of Non-Federal Dams. First Herring Brook Reservoir Dam (MA 00478) Massachusetts Coastal Basin, Scituate, Massachusetts. Phase 1 Inspection Report.
AD-A154 733/0 18-*541,094* MF **A01**

National Program for Inspection of Non-Federal Dams. South Reservoir Dam and Dikes, Main Dam (MA 00453), East Dike (MA 01278), West Dike (MA 01279) Massachusetts Coastal Area, Winchester, Massachusetts. Phase 1 Inspection Report.
AD-A154 734/8 18-*541,095* MF **A01**

National Program for Inspection of Non-Federal Dams. Main Street Dam (MA 00448). Merrimack River Basin. Hudson, Massachusetts. Phase 1 Inspection Report.
AD-A154 739/7 18-*541,096* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Reservoir Number One (MA 00337) Merrimack River Basin. Framingham, Massachusetts. Phase 1 Inspection Report.
AD-A154 740/5 18-*541,097* MF **A01**

National Program for Inspection of Non-Federal Dams. Albert Davenport Dam (MA 00507), Connecticut River Basin, Shelburne Falls, Massachusetts. Phase 1 Inspection Report.
AD-A154 765/2 18-*541,098* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Upper Stoneville Dam MA 00196, Blackstone River Basin, Auburn, Massachusetts. Phase 1 Inspection Report.
AD-A154 790/0 18-*541,100* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Conway Electric Dam (MA 00463), Connecticut River Basin, Conway, Massachusetts. Phase 1 Inspection Report.
AD-A154 810/6 18-*541,101* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Buckley-Dunton Dam (MA 00202), Connecticut River Basin, Becket, Massachusetts. Phase 1 Inspection Report.
AD-A154 889/0 18-*541,105* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Griswold Pond Dam(MA00292), Suagus River Basin, Suagus Massachusetts. Phase 1 Inspection Report.
AD-A154 890/8 18-*541,106* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Reservoir Number 2 (MA 00338), Merrimack River Basin, Framingham, Massachusetts. Phase 1 Inspection Report.
AD-A154 891/6 18-*541,107* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Houghton Pond Dam (MA 00444), Charles River Basin, Holliston, Massachusetts. Phase 1 Inspection Report.
AD-A154 892/4 18-*541,108* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Jackson Plant Dam NH 00121 NHWRB 165.02, Merrimack River Basin, Nashua, New Hampshire. Phase 1 Inspection Report.
AD-A154 898/1 18-*541,109* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Pondville Dam (MA 00197), Blackstone River Basin, Auburn, Massachusetts. Phase 1 Inspection Report.
AD-A154 903/9 18-*541,110* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams, Wrights Pond Dam (MA 00454), Massachusetts Coastal Area, Medford, Massachusetts. Phase 1 Inspection Report.
AD-A154 919/5 18-*541,111* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Lyman Mill Pond (MA 00500), Connecticut River Basin, Southampton, Massachusetts. Phase 1 Inspection Report.
AD-A154 955/9 18-*541,113* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Williams Lake Dam (MA 00451), Merrimack River Basin, Marlborough, Massachusetts. Phase 1 Inspection Report.
AD-A155 011/0 18-*541,117* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Sewalls Falls Dam (NH 00091), Merrimack River Basin, Concord, New Hampshire, Phase 1 Inspection Report.
AD-A155 014/4 18-*541,118* MF **A01**

National Program for Inspection of Non-Federal Dams. Water Loom Pond Dam (NH 00355) NHWRB 175.09, Merrimack River Basin, New Ipswich, New Hampshire. Phase 1 Inspection Report.
AD-A155 156/3 19-*543,361* MF **A01**

National Program for Inspection of Non-Federal Dams. Pembroke Dam (NH 00377) NHWRB 190.02, Merrimack River Basin, Allenstown-Pembroke, New Hampshire. Phase 1 Inspection Report.
AD-A155 157/1 19-*543,362* MF **A01**

National Program for Inspection of Non-Federal Dams. Granite Lake Dam (NH 00330) NHWRB 166.02, Connecticut River Basin, Nelson, New Hampshire. Phase 1 Inspection Report.
AD-A155 172/0 19-*543,363* MF **A01**

National Program for Inspection of Non-Federal Dams. Westfield Reservoir Dam (MA 00734) Connecticut River Basin, Montgomery, Massachusetts. Phase 1 Inspection Report.
AD-A155 198/5 19-*543,364* MF **A01**

National Program for Inspection of Non-Federal Dams. Sugden Reservoir Dam (MA 00698) Connecticut River Basin, Spencer, Massachusetts. Phase 1 Inspection Report.
AD-A155 199/3 19-*543,365* MF **A01**

National Program for Inspection of Non-Federal Dams. Cohasse Brook Reservoir Dam (MA 00694) Quinebaug River Basin, Southbridge, Massachusetts. Phase 1 Inspection Report.
AD-A155 201/7 19-*543,366* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Number 5 Reservoir (MA 00693), Quinebaug River Basin, Southbridge, Massachusetts. Phase 1 Inspection Report.
AD-A155 234/8 19-*543,367* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Paradise Pond Dam (MA 00754), Connecticut River Basin, Northampton, Massachusetts. Phase 1 Inspection Report.
AD-A155 235/5 19-*543,368* PC **A06**/MF **A01**

National Program for Inspection of Non-Federal Dams. Kelleys Falls Dam (NH 00299, NHWRB no. 150.02), Merrimack River Basin, Manchester, New Hampshire. Phase 1 Inspection Report.
AD-A155 249/6 19-*543,369* MF **A01**

National Program for Inspection of Non-Federal Dams. Upper Ammonoosuc Dam (NH 00370) NHWRB 182.04, Connecticut River Basin, Northumberland, New Hampshire. Phase 1 Inspection Report.
AD-A155 263/7 19-*543,370* MF **A01**

National Program for Inspection of Non-Federal Dams. Pine Island Lake Dam and Dike - Dam (MA 00595) Dike (MA 00596) Connecticut River Basin, Westhampton, Massachusetts. Phase 1 Inspection Report.

AD-A155 321/3 19-*543,371* MF **A01**

National Program for Inspection of Non-Federal Dams. McLean Reservoir (MA 00539), Connecticut River Basin, Holyoke, Massachusetts. Phase 1 Inspection Report.
AD-A155 333/8 19-*543,372* MF **A01**

National Program for Inspection of Non-Federal Dams. Lake Wyola (MA 00510), Connecticut River Basin, Shutesbury, Massachusetts. Phase 1 Inspection Report.
AD-A155 335/3 19-*543,373* MF **A01**

National Program for Inspection of Non-Federal Dams. Crocker Pond Dam (MA 00638), Merrimack River Basin, Westminster, Massachusetts. Phase 1 Inspection Report.
AD-A155 343/7 19-*543,374* MF **A01**

National Program for Inspection of Non-Federal Dams. Robinson Pond Dam (MA 00670), French River Basin, Oxford, Massachusetts. Phase 1 Inspection Report.
AD-A155 361/9 19-*543,375* MF **A01**

National Program for Inspection of Non-Federal Dams. Pembroke Cottage Main Dam (ME 00294) and East Dam (ME 00721), Pennamaquan River Basin, Pembroke, Maine. Phase 1 Inspection Report.
AD-A155 370/0 19-*543,376* MF **A01**

National Program for Inspection of Non-Federal Dams. Lake Josephine Dam (ME 00345), Saint John River Basin, Easton, Maine. Phase 1 Inspection Report.
AD-A155 371/8 19-*543,377* MF **A01**

National Program for Inspection of Non-Federal Dams. Little River Upper Dam (ME 00289), Atlantic Ocean, Belfast, Maine. Phase 1 Inspection Report.
AD-A155 372/6 19-*543,378* MF **A01**

National Program for Inspection on Non-Federal Dams. Middle Pond Dam (ME 00190), Southern Maine Coastal Basin, York, Maine. Phase 1 Inspection Report.
AD-A155 373/4 19-*543,379* MF **A01**

National Program for Inspection of Non-Federal Dams. Sleeper Dam (ME 00014) Androscoggin River Basin, Sabattus, Maine. Phase 1 Inspection Report.
AD-A155 374/2 19-*543,380* MF **A01**

National Program for Inspection of Non-Federal Dams. Lake Christina Dam (ME 00226), Saint John River Basin, Fort Fairfield, Maine. Phase 1 Inspection Report.
AD-A155 375/9 19-*543,381* MF **A01**

National Program for Inspection of Non-Federal Dams. Fernwood Lake East Dam (MA 01336), Fernwood Lake West Dam (MA 01337), Massachusetts Coastal Basin, Glouchester, Massachusetts. Phase 1 Inspection Report.
AD-A155 376/7 19-*543,382* MF **A01**

National Program for Inspection of Non-Federal Dams. Lynn Reservoir Dam (MA 01285), Massachusetts/Rhode Island Coastal Basin, Lynn, Massachusetts. Phase 1 Inspection Report.
AD-A155 377/5 19-*543,383* MF **A01**

National Program for Inspection of Non-Federal Dams. White Reservoir Dam (MA 00606), Connecticut River Basin, Southampton, Massachusetts. Phase 1 Inspection Report.
AD-A155 380/9 19-*543,384* MF **A01**

National Program for Inspection of Non-Federal Dams. Whites Mill Pond Dam (MA 00630), Connecticut River Basin, Winchendon, Massachusetts. Phase 1 Inspection Report.
AD-A155 381/7 19-*543,385* MF **A01**

National Program for Inspection of Non-Federal Dams. Russell Mill Pond (MA 01219), Merrimack River Basin, Chelmsford, Massachusetts. Phase 1 Inspection Report.
AD-A155 384/1 19-*543,386* MF **A01**

National Program for Inspection of Non-Federal Dams. Egypt Reservoir Dam (MA 01063), Housatonic River Basin, Dalton, Massachusetts. Phase 1 Inspection Report.
AD-A155 385/8 19-*543,387* MF **A01**

National Program for Inspection of Non-Federal Dams. Webster Brook Dam (ME 00229), Saint John River Basin, Limestone, Maine. Phase 1 Inspection Report.
AD-A155 386/6 19-*543,388* MF **A01**

National Program for Inspection of Non-Federal Dams. J. A. Wells Upper Dam (MA 01268), Connecticut River Basin, Charlemont, Massachusetts. Phase 1 Inspection Report.
AD-A155 387/4 19-*543,389* MF **A01**

National Program for Inspection of Non-Federal Dams. Noyes Brook Dam (ME 00347), Saint John River Basin, Limestone, Maine. Phase 1 Inspection Report.
AD-A155 388/2 19-*543,390* MF **A01**

National Program for Inspection of Non-Federal Dams. Mill Pond Reservoir Main Dam (MA 01121), Merrimack River Basin, Burlington, Massachusetts. Phase 1 Inspection Report.
AD-A155 389/0 19-*543,391* MF **A01**

National Program for Inspection of Non-Federal Dams. Mill Pond Reservoir North Dike (MA 01122), Mill Pond Reservoir South Dike (MA 01123), Merrimack River Basin, Burlington, Massachusetts. Phase 1 Inspection Report.
AD-A155 390/8 19-*543,392* MF **A01**

National Program for Inspection of Non-Federal Dams. Zero Manufacturing Company Dam (MA 00551), Connecticut River Basin, Monson, Massachusetts. Phase 1 Inspection Report.
AD-A155 397/3 19-*543,393* MF **A01**

National Program for Inspection of Non-Federal Dams. Provin Mountain Reservoir (MA 00528) Connecticut River Basin, Agawam, Massachusetts. Phase 1 Inspection Report.
AD-A155 398/1 19-*543,394* MF **A01**

National Program for Inspection of Non-Federal Dams. Whitney Pond (MA 00633), Connecticut River Basin, Winchendon, Massachusetts. Phase 1 Inspection Report.
AD-A155 408/8 19-*543,395* MF **A01**

National Program for Inspection of Non-Federal Dams. Blue Hills Reservoir (MA 00826), Massachusetts/Rhode Island Coastal Basin, Quincy, Massachusetts. Phase 1 Inspection Report.
AD-A155 439/3 19-*543,396* MF **A01**

National Program for Inspection of Non-Federal Dams. Hunts Pond Dam (MA 00634), Connecticut River Basin, Winchendon, Massachusetts. Phase 1 Inspection Report.
AD-A155 454/2 19-*543,398* MF **A01**

National Program for Inspection of Non-Federal Dams. Nash Hill Reservoir MA 00550, Connecticut River Basin, Ludlow, Massachusetts. Phase 1 Inspection Report.
AD-A155 478/1 19-*543,399* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Schencks Pond Dam (MA 00784), Massachusetts Coastal Area, Weston, Massachusetts. Phase 1 Inspection Report.
AD-A155 490/6 19-*543,402* MF **A01**

National Program for Inspection of Non-Federal Dams. Lost Lake Dam (MA 00808), Merrimack River Basin, Groton, Massachusetts. Phase 1 Inspection Report.
AD-A155 491/4 19-*543,403* MF **A01**

National Program for Inspection of Non-Federal Dams. Collinsville Dam (MA 00839), Merrimack River Basin, Dracut, Massachusetts. Phase 1 Inspection Report.
AD-A155 494/8 19-*543,404* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. New Pond Dam (MA 00779), Massachusetts Coastal Basin, Easton, Massachusetts. Phase 1 Inspection Report.
AD-A155 495/5 19-*543,405* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Payson Park Reservoir (MA 00770), Mystic River Basin, Belmont, Massachusetts. Phase 1 Inspection Report.
AD-A155 496/3 19-*543,406* MF **A01**

National Program for Inspection of Non-Federal Dams. Snows Mill Pond Dam (MA 00878), Merrimack River Basin, Fitchburg, Massachusetts. Phase 1 Inspection Report.
AD-A155 497/1 19-*543,407* MF **A01**

National Program for Inspection of Non-Federal Dams. Prospect Hill Reservoir (MA 00811), Taunton River Basin, Taunton, Massachusetts. Phase 1 Inspection Report.
AD-A155 498/9 19-*543,408* MF **A01**

National Program for Inspection of Non-Federal Dams. Old Quincy Reservoir Dam (MA 00827), Massachusetts-Rhode Island Coastal Basin, Braintree, Massachusetts. Phase 1 Inspection Report.
AD-A155 499/7 19-*543,409* MF **A01**

National Program for Inspection of Non-Federal Dams. Weston Reservoir Dam (MA 00798), Charles River Basin, Weston, Massachusetts. Phase 1 Inspection Report.
AD-A155 500/2 19-*543,410* MF **A01**

National Program for Inspection of Non-Federal Dams. Fall Brook Reservoir Dam (MA 00869), Merrimack River Basin, Leominster, Massachusetts. Phase 1 Inspection Report.
AD-A155 501/0 19-*543,411* MF **A01**

National Program for Inspection of Non-Federal Dams. Chicopee Reservoir (MA 00720), Connecticut River Basin, Chicopee, Massachusetts. Phase 1 Inspection Report.
AD-A155 502/8 19-*543,412* MF **A01**

National Program for Inspection of Non-Federal Dams. Vistron Dam (MA 00759), Connecticut River Basin, Northampton, Massachusetts. Phase 1 Inspection Report.
AD-A155 503/6 19-*543,413* MF **A01**

National Program for Inspection of Non-Federal Dams. Weymouth Great Pond Dam (MA 00777), Weymouth Back River Basin, Weymouth, Massachusetts. Phase 1 Inspection Report.
AD-A155 504/4 19-*543,414* MF **A01**

National Program for Inspection of Non-Federal Dams. Bolivar Pond Dam (MA 00807), Neponset River Basin, Canton, Massachusetts. Phase 1 Inspection Report.
AD-A155 505/1 19-*543,415* MF **A01**

National Program for Inspection of Non-Federal Dams. Williamstown Reservoir Dam (MA 00844), Hudson River Basin, Williamstown, Massachusetts. Phase 1 Inspection Report.
AD-A155 506/9 19-*543,416* MF **A01**

National Program for Inspection of Non-Federal Dams. Pecks Pond Dam (MA 00843), Housatonic River Basin, Pittsfield, Massachusetts. Phase 1 Inspection Report.
AD-A155 507/7 19-*543,417* MF **A01**

National Program for Inspection of Non-Federal Dams. Falls Pond Dam (MA 00865), Taunton River Basin, North Attleboro, Massachusetts. Phase 1 Inspection Report.
AD-A155 508/5 19-*543,418* MF **A01**

National Program for Inspection of Non-Federal Dams. Cedar Pond Dam (MA 00684), Thames River Basin, Sturbridge, Massachusetts. Phase 1 Inspection Report.
AD-A155 532/5 19-*543,420* MF **A01**

National Program for Inspection of Non-Federal Dams. Number 4 Reservoir Dam (MA 00692), Quinebaug River Basin, Southbridge, Massachusetts. Phase 1 Inspection Report.
AD-A155 533/3 19-*543,421* MF **A01**

National Program for Inspection of Non-Federal Dams. Country Club (MA 00756), Connecticut River Basin, Northampton, Massachusetts. Phase 1 Inspection Report.
AD-A155 534/1 19-*543,422* MF **A01**

National Program for Inspection of Non-Federal Dams. Chaffin Pond Dam (MA 00621), Merrimack River Basin, Holden, Massachusetts. Phase 1 Inspection Report.
AD-A155 557/2 19-*543,423* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. West Parish Filter Number 3 Dam (MA 00610), Connecticut River Basin, Westfield, Massachusetts. Phase 1 Inspection Report.
AD-A155 571/3 19-*543,424* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Cambridge Reservoir Dam (MA 00750), Massachusetts Coastal Area, Waltham, Massachusetts. Phase 1 Inspection Report.
AD-A155 575/4 19-*543,425* MF **A01**

National Program for Inspection of Non-Federal Dams. Bird Pond Dam (MA 00804), Neponset River Basin, Walpole, Massachusetts. Phase 1 Inspection Report.
AD-A155 576/2 19-*543,426* MF **A01**

National Program for Inspection of Non-Federal Dams. Simonds Pond Dam (MA 00874), Merrimack River Basin, Leominster, Massachusetts. Phase 1 Inspection Report.
AD-A155 577/0 19-*543,427* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Forest Park Upper Dam (MA 00568), Connecticut River Basin, Springfield, Massachusetts. Phase 1 Inspection Report.
AD-A155 578/8 19-*543,428* MF **A01**

National Program for Inspection of Non-Federal Dams. South Deerfield (MA 00522), Connecticut River Basin, Whately, Massachusetts. Phase 1 Inspection Report.
AD-A155 579/6 19-*543,429* MF **A01**

National Program for Inspection of Non-Federal Dams. South Silver Floodwater Retarding (MA 00702), Connecticut River Basin, Sandisfield, Massachusetts. Phase 1 Inspection Report.
AD-A155 615/8 19-*543,431* MF **A01**

National Program for Inspection of Non-Federal Dams. Lovell Reservoir Dam (MA 00872) and Dike (MA 01334), Merrimack River Basin, Fitchburg, Massachusetts. Phase 1 Inspection Report.
AD-A155 616/6 19-*543,432* MF **A01**

National Program for Inspection of Non-Federal Dams. Shaker Mill Pond Dam (MA 00732), Housatonic River Basin, West Stockbridge, Massachusetts. Phase 1 Inspection Report.
AD-A155 617/4 19-*543,433* MF **A01**

National Program for Inspection of Non-Federal Dams. Brockton Reservoir Dam (MA 00786), Taunton River Basin, Avon, Massachusetts. Phase 1 Inspection Report.
AD-A155 618/2 19-*543,434* MF **A01**

National Program for Inspection of Non-Federal Dams. Black Brook Dam (MA 01057), Connecticut River Basin, Blandford, Massachusetts. Phase 1 Inspection Report.
AD-A155 633/1 19-*543,435* MF **A01**

National Program for Inspection of Non-Federal Dams. Muddy cove Pond Dam (MA 00793) Taunton River Basin, Dighton, Massachusetts. Phase 1 Inspection Report.
AD-A155 634/9 19-*543,436* MF **A01**

National Program for Inspection of Non-Federal Dams. Indian Lake Dam (MA 01051) Connecticut River Basin, Becket, Massachusetts. Phase 1 Inspection Report.
AD-A155 635/6 19-*543,437* MF **A01**

National Program for Inspection of Non-Federal Dams. Ashley Reservoir Dam (New Lower) (MA 01062) Housatonic River Basin, Washington, Massachusetts. Phase 1 Inspection Report.
AD-A155 636/4 19-*543,438* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Horsepond Dam (MA 00950) Connecticut River Basin, North Brookfield, Massachusetts. Phase 1 Inspection Report.
AD-A155 637/2 19-*543,439* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Notown Reservoir Dam and Dike; Dam (00870), Dike (01240, Merrimack River Basin, Leominster, Massachusetts. Phase 1 Inspection Report.
AD-A155 640/6 19-*543,440* PC **A08**/MF **A01**

National Program for Inspection of Non-Federal Dams. Overlook Reservoir Dam and Dike; Dam (MA 00876), Dike (MA 01335), Merrimack River Basin, Fitchburg, Massachusetts. Phase 1 Inspection Report.
AD-A155 641/4 19-*543,441* MF **A01**

National Program for Inspection of Non-Federal Dams. Chestnut Hill Reservoir Dam (MA 01113), Charles River Basin, Boston, Massachusetts. Phase 1 Inspection Report.
AD-A155 649/7 19-*543,442* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Indian Orchard (MA 00722), Connecticut River Basin,

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Springfield/Ludlow, Massachusetts. Phase 1 Inspection Report.
AD-A155 650/5 19-*543,443* PC **A04**/MF **A01**

National Program for Inspection on Non-Federal Dams. Arlington Reservoir Dam (MA 00771), Massachusetts Coastal Basin, Arlington - Lexington, Massachusetts. Phase 1 Inspection Report.
AD-A155 651/3 19-*543,444* MF **A01**

National Program for Inspection of Non-Federal Dams. Roberts Meadow Upper Reservoir Dam (MA 00760), Connecticut River Basin,Northampton, Massachusetts. Phase 1 Inspection Program.
AD-A155 653/9 19-*543,445* MF **A01**

National Program for Inspection of Non-Federal Dams. Woronoco Mills (60 Feet) Dam MA 00738, Woronoco Mills (29 Feet) Dam MA 00737, Connecticut River Basin, Russell, Massachusetts. Phase 1 Inspection Report.
AD-A155 655/4 19-*543,446* MF **A01**

National Program for Inspection of Non-Federal Dams. Chartpak Dam MA 00758, Connecticut River Basin, Northampton, Massachusetts. Phase 1 Inspection Report.
AD-A155 661/2 19-*543,447* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Weymouth River Basin, Braintree & Randolph, Massachusetts, Great Pond Upper Reservoir Dam MA 00823. Phase 1 Inspection Report.
AD-A155 662/0 19-*543,448* MF **A01**

National Program for Inspection of Non-Federal Dams. Lancaster Millpond Dam MA 00887, Merrimack River Basin, Clinton, Massachusetts. Phase 1 Inspection Report.
AD-A155 663/8 19-*543,449* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Tyler Dam MA 01195, Merrimack River Basin, Marlborough, Massachusetts. Phase 1 Inspection Report.
AD-A155 664/6 19-*543,450* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Scott Reservoir MA 00871, Merrimack River Basin, Fitchburg, Massachusetts. Phase Inspection Report.
AD-A155 667/9 19-*543,451* MF **A01**

National Program for Inspection of Non-Federal Dams. Granville Reservoir Dam MA 00707, Connecticut River Basin, Granville, Massachusetts. Phase 1 Inspection Report.
AD-A155 669/5 19-*543,452* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Whitmans Pond Dam (MA 00775), Weymouth River Basin, Weymouth, Massachusetts. Phase 1 Inspection Report.
AD-A155 695/0 19-*543,453* MF **A01**

National Program for Inspection of Non-Federal Dams. Rockwell Pond Dam (MA 00882), Merrimack River Basin, Leominster, Massachusetts. Phase 1 Inspection Report.
AD-A155 696/8 19-*543,454* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Chartley Pond Dam (MA 00814), Taunton River Basin, Norton, Massachusetts. Phase 1 Inspection Report.
AD-A155 697/6 19-*543,455* MF **A01**

National Program for Inspection of Non-Federal Dams. Windsor Reservoir Dam (MA 00841), Housatonic River Basin, Windsor, Massachusetts. Phase 1 Inspection Report.
AD-A155 699/2 19-*543,456* MF **A01**

National Program for Inspection of Non-Federal Dams. Boulter Dam (ME 00194), Southern Maine Coastal Basin, York, Maine. Phase 1 Inspection Report.
AD-A155 700/8 19-*543,457* MF **A01**

National Program for Inspection of Non-Federal Dams. Pleasant Street Dam (MA 00838), Merrimack River Basin, Dracut, Massachusetts. Phase 1 Inspection Report.
AD-A155 701/6 19-*543,458* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. McTaggarts Pond Dam (MA 00879), Nashua River Basin, Fitchburg, Massachusetts. Phase 1 Inspection Report.
AD-A155 702/4 19-*543,459* MF **A01**

National Program for Inspection of Non-Federal Dams. Putnamville Reservoir Dam and Dikes (DAM (MA 00745), East Dike (MA 01297), West Dike (MA 00744), Ipswich River Basin, Danvers, Massachusetts. Phase 1 Inspection Report.
AD-A155 703/2 19-*543,460* MF **A01**

National Program for Inspection of Non-Federal Dams. Bickford Pond Dam (MA 01021), Bickford Reservoir Dam (MA 01022), Connecticut River Basin, Hubbardston and Princeton, Massachusetts. Phase 1 Inspection Report.
AD-A155 705/7 19-*543,461* MF **A01**

National Program for Inspection of Non-Federal Dams. Lowell Reservoir Dam (MA 01188), Merrimack River Basin, Lowell, Massachusetts. Phase 1 Inspection Report.
AD-A155 706/5 19-*543,462* MF **A01**

National Program for Inspection of Non-Federal Dams. Wilson Pond Dam (ME 00121), Kennebec - Androscoggin River Basin, Wilton, Maine. Phase 1 Inspection Program.
AD-A155 707/3 19-*543,463* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Noquochoke Lake at Route 6 Dam (ME 01085), Massachusetts Coastal Basin, Dartmouth & Westport, Massachusetts. Phase 1 Inspection Program.
AD-A155 708/1 19-*543,464* MF **A01**

National Program for Inspection of Non-Federal Dams. Mare Meadow Reservoir Dam (ME 01020), Connecticut River Basin, Hubbardston, Massachusetts. Phase 1 Inspection Report.
AD-A155 709/9 19-*543,465* MF **A01**

National Program for Inspection of Non-Federal Dams. Linwood Pond Dam (MA 00896), Blackstone River Basin, Northbridge, Massachusetts. Phase 1 Inspection Program.
AD-A155 710/7 19-*543,466* MF **A01**

National Program for Inspection of Non-Federal Dams. Lee Pond Dam (MA 00891), Massachusetts Coastal Basin, Uxbridge, Massachusetts. Phase 1 Inspection Program.
AD-A155 711/5 19-*543,467* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Reservoir Number 3 Dam (MA 00691), Thames River Basin, Southbridge, Massachusetts. Phase 1 Inspection Program.
AD-A155 712/3 19-*543,468* MF **A01**

National Program for Inspection of Non-Federal Dams. Mt. Holyoke College Upper Dam (MA 00583) Connecticut River Basin, South Hadley, Massachusets. Phase 1 Inspection Report.
AD-A155 731/3 19-*543,469* MF **A01**

National Program for Inspection of Non-Federal Dams. Manchester Pond Reservoir Dam (MA 00860), South Dike and East Dike (MA 01288, MA 01289), Providence River Basin, Attleboro, Massachusetts. Phase 1 Inspection Report.
AD-A155 738/8 19-*543,470* MF **A01**

National Program for Inspection of Non-Federal Dams. Leaping Well Reservoir (MA 00586) Connecticut River Basin, South Hadley, Massachusetts. Phase 1 Inspection Report.
AD-A155 741/2 19-*543,471* MF **A01**

National Program for Inspection of Non-Federal Dams. Norumbega Reservoir Dam and Dikes, Norumbega Reservoir Dam and East Dike (MA 00782) Dike 2 and Dike 3 (MA 01208) Dike 4 (MA 01209), Massachusetts Coastal Area, Weston, Massachusetts. Phase 1 Inspection Report.
AD-A155 742/0 19-*543,472* PC **A07**/MF **A01**

National Program for Inspection of Non-Federal Dams. Clam Lake Dam (MA 01052), Connecticut River Basin, Sandisfield, Massachusetts. Phase 1 Inspection Report.
AD-A155 743/8 19-*543,473* MF **A01**

National Program for Inspection of Non-Federal Dams. Goodall-Sanford Dam (ME-00185), Mousam River Basin, Sanford, Maine. Phase 1 Inspection Report.
AD-A155 744/6 19-*543,474* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Waverly Dam (ME 00111), Kennebec River Basin, Pittsfield, Maine. Phase 1 Inspection Report.
AD-A155 746/1 19-*543,475* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Quinapoxet Reservoir Dam (MA 00929), Merrimack River Basin, Holden, Massachusetts. Phase I Inspection Report.
AD-A155 770/1 21-*548,300* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Chases Pond Dam (ME 00188), Southern Maine Coastal Basin, York, Maine. Phase I Inspection Report.
AD-A155 772/7 21-*548,301* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Kettle Brook Reservoir Number 3 MA 00978, Blackstone River Basin, Leicester, Massachusetts. Phase I Inspection Report.
AD-A155 783/4 21-*548,302* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Sargent Pond Dam MA 00986, Thames River Basin, Leicester, Massachusetts. Phase I Inspection Report.
AD-A155 784/2 21-*548,303* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Manchaug Pond Dam MA 00955, Blackstone River Basin, Sutton, Massachusetts. Phase I Inspection Report.
AD-A155 785/9 21-*548,304* MF **A01**

National Program for Inspection of Non-Federal Dams. Crescent Street Dam MA 00934, Connecticut River Basin, Athol, Massachusetts. Phase I Inspection Report.
AD-A155 786/7 21-*548,305* MF **A01**

National Program for Inspection of Non-Federal Dams. Roaring Brook Dam MA 01056, Connecticut River Basin, Conway, Massachusetts. Phase I Inspection Report.
AD-A155 787/5 21-*548,306* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Lost Wilderness Lake Northern Dam MA 01059, Farmington River Basin, Tolland, Massachusetts. Phase I Inspection Report.
AD-A155 788/3 21-*548,307* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Stiles Reservoir Dam MA 00983, French River Basin, Leicester, Massachusetts. Phase I Inspection Report.
AD-A155 789/1 21-*548,308* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Waban Hill Reservoir Dam MA 01111, Charles River Basin, Newton, Massachusetts. Phase I Inspection Report.
AD-A155 790/9 21-*548,309* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Holden Reservoir Number 1 Dam MA 00960, Blackstone River Basin, Holden, Massachusetts. Phase I Inspection Report.
AD-A155 791/7 21-*548,310* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Lovejoy Pond Dam ME-00022, Androscoggin River Basin, North Wayne, Maine. Phase I Inspection Report.
AD-A155 792/5 21-*548,311* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Pioneer Dam ME 00110, Kennebec River Basin, Pittsfield, Maine. Phase I Inspection Report.
AD-A155 793/3 21-*548,312* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Main Street Dam ME 00114, Kennebec River Basin, Newport, Maine. Phase I Inspection Report.
AD-A155 794/1 21-*548,313* PC **A06**/MF **A01**

National Program for Inspection of Non-Federal Dams. Cherryfield Dam ME-00061, Narraguagus River Basin, Cherryfield, Maine. Phase I Inspection Report.
AD-A155 795/8 21-*548,314* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Sebec Dam ME 00163, Penobscot River Basin, Sebec, Maine. Phase I Inspection Report.
AD-A155 796/6 21-*548,315* MF **A01**

National Program for Inspection of Non-Federal Dams. Little River Lower Dam ME 00288, State Number 5090, Atlantic Ocean, Belfast, Maine. Phase I Inspection Report.
AD-A155 797/4 21-*548,316* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Wachusett Reservoir Dam MA 00886, Wachusett Reservoir Dike MA 01294, Merrimack River Basin, Clinton, Massachusetts. Phae I Inspection Report.
AD-A155 798/2 21-*548,317* PC **A12**/MF **A01**

National Program for Inspection of Non-Federal Dams. Goose Cove Reservoir Dams & Dikes, North Dam MA 01098, Northwest Dike MA 01099, South Dam MA 00163 and Southwest Dike MA 01100, Annisquam River Basin, Gloucester, Massachusetts. Phase I Inspection Report.
AD-A155 799/0 21-*548,318* PC **A07**/MF **A01**

National Program for Inspection of Non-Federal Dams. Strangman Pond Dam (MA 01097) Annisquam River Basin, Gloucester, Massachusetts. Phase I Inspection Report.
AD-A155 800/6 21-*548,319* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Lester G. Ross Dam (MA 01229) Merrimack River Basin, Berlin, Massachusetts. Phase I Inspection Report.
AD-A155 801/4 21-*548,320* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Aziscohos Dam (ME-00024) and Abbott Brooke Dike (ME-00424) Androscoggin River Basin, Wilsons Mills, Maine. Phase I Inspection Report.
AD-A155 802/2 21-*548,321* PC **A08**/MF **A01**

National Program for Inspection of Non-Federal Dams. Lake Auburn Dam (ME-00019) Androscoggin River Basin, Auburn, Maine. Phase I Inspection Report.
AD-A155 803/0 21-*548,322* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Athol Manufacturing Dam (MA 00932) Connecticut River Basin, Athol, Massachusetts. Phase I Inspection Report.
AD-A155 804/8 21-*548,323* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Pierce Pond Dam (MA 00883) Merrimack River Basin, Leominster, Massachusetts. Phase I Inspection Report.
AD-A155 806/3 21-*548,324* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Ames Pond Dam (MA 01006) Dike A (MA 01296) Merrimack River Basin, Tewksbury, Massachusetts. Phase I Inspection Report.
AD-A155 808/9 21-*548,325* MF **A01**

National Program for Inspection of Non-Federal Dams. Highland Lake Dam (ME 00078) Presumpscot River Basin, Bridgeton, Maine. Phase I Inspection Report.
AD-A155 809/7 21-*548,326* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Cobbosseecontee Lake Dam (ME 00096) State No. 0418, Kennebec River Basin, Manchester, Maine. Phase I Inspection Report.
AD-A155 810/5 21-*548,327* PC **A05**/MF **A01**

National Program for Inspection of Non-Federal Dams. Rosemary Lake Dam (MA 01112) Charles River Basin, Needham, Massachusetts. Phase I Inspection Report.
AD-A155 811/3 21-*548,328* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Chase Mill Dam (ME-00335), East Machias River Basin, East Machias, Maine. Phase I Inspection Report.
AD-A155 820/4 21-*548,329* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Shelburne Falls Fire District Reservoir Dam MA 00462, Connecticut River Basin, Colrain, Massachusetts. Phase I Inspection Report.
AD-A155 985/5 21-*548,333* MF **A01**

National Program for Inspection of Non-Federal Dams. Baker Pond Dam VT 00135, Richelieu River Basin, Brookfield, Vermont. Phase I Inspection Report.
AD-A155 992/1 21-*548,335* MF **A01**

National Program for Inspection of Non-Federal Dams. Colton Pond Dam VT 00114, Connecticut River Basin, Sherburne, Vermont. Phase I Inspection Report.
AD-A155 993/9 21-*548,336* PC **A04**/MF **A01**

National Program for Inspection of Non-Federal Dams. Connecticut Groveton Dam N.H. 00147, Connecticut River Basin, Northumberland, New Hampshire. Phase I Inspection Report.
AD-A155 994/7 21-548,337 MF A01

National Program for Inspection of Non-Federal Dams. Rochester Reservoir Dam NH 00152 NHWRB Number 204.13, Coastal Basin, Rochester, New Hampshire. Phase I Inspection Report.
AD-A155 996/2 21-548,338 MF A01

National Program for Inspection of Non-Federal Dams. Upper Groveton Dam N.H. 00148, Connecticut River Basin, Groveton, New Hampshire. Phase I Inspection Report.
AD-A155 998/8 21-548,339 MF A01

National Program for Inspection of Non-Federal Dams. New Dam NH - 00126, Piscataqua River Basin, Somersworth, New Hampshire. Phase I Inspection Report.
AD-A155 999/6 21-548,340 MF A01

National Program for Inspection of Non-Federal Dams. Mascoma Lake Dam NH 00153, NHWRB 134.01, Connecticut River Basin, Lebanon, New Hampshire. Phase I Inspection Report.
AD-A156 000/2 21-548,341 MF A01

National Program for Inspection of Non-Federal Dams. Sucker Brook Dam (VT 00212), Richelieu River Basin, Town of Salisbury, Addison County, Vermont. Phase I Inspection Report.
AD-A156 009/3 21-548,343 MF A01

National Program for Inspection of Non-Federal Dams. Mackville Dam (VT 00245), Richelieu River Basin, Hardwick, Vermont. Phase I Inspection Report.
AD-A156 010/1 21-548,344 MF A01

National Program for Inspection of Non-Federal Dams. Norwich Reservoir Dam (VT 00157) (VTDWR 146-1), Connecticut River Basin, Norwich, Connecticut. Phase I Inspection Report.
AD-A156 011/9 21-548,345 MF A01

National Program for Inspection of Non-Federal Dams. Gale Meadows Dam (VT 00115), Gale Meadows Dike (VT 00274), Connecticut River Basin, Town of Londonderry, Windham County, Vermont. Phase I Inspection Report.
AD-A156 013/5 21-548,346 MF A01

National Program for Inspection of Non-Federal Dams. Marshfield Number 6 Dam (VT 00046), Richelieu River Basin, Cabot, Vermont. Phase I Inspection Report.
AD-A156 014/3 21-548,347 MF A01

National Program for Inspection of Non-Federal Dams. Indian Brook Dam (VT 00055), Richelieu River Basin, Essex Junction, Vermont. Phase I Inspection Report.
AD-A156 015/0 21-548,348 MF A01

National Program for Inspection of Non-Federal Dams. Pleasant Valley Reservoir Dam (VT 00064), Connecticut River Basin, Brattleboro, Vermont. Phase I Inspection Report.
AD-A156 016/8 21-548,349 MF A01

National Program for Inspection of Non-Federal Dams. Georgiaville Pond Dam (RI 03108), Woonasquatucket River Basin, Smithfield, Rhode Island. Phase I Inspection Report.
AD-A156 018/4 21-548,350 MF A01

National Program for Inspection of Non-Federal Dams. James V. Turner Dam (RI 01002), Narragansett Bay Basin, East Providence, Rhode Island. Phase I Inspection Report.
AD-A156 019/2 21-548,351 MF A01

National Program for Inspection of Non-Federal Dams. Jewell Brock Dam Site Number 2 (VT 00015), Connecticut River Basin, Ludlow, Vermont. Phase I Inspection Report.
AD-A156 020/0 21-548,352 MF A01

National Program for Inspection of Non-Federal Dams. Silver Lake Dam (VT 00065), Connecticut River Basin, Barnard, Vermont. Phase I Inspection Report.
AD-A156 021/8 21-548,353 MF A01

National Program for Inspection of Non-Federal Dams. Knapp Brook Site Number 1 (VT 00076), Connecticut River Basin, Cavendish, Vermont. Phase I Inspection Report.
AD-A156 022/6 21-548,354 MF A01

National Program for Inspection of Non-Federal Dams. Sugar Hill Dam (VT 00176), Richelieu River Basin, Town of Goshen, Addison County, Vermont. Phase I Inspection Report.
AD-A156 023/4 21-548,355 MF A01

National Program for Inspection of Non-Federal Dams. Dole Reservoir Dam & Dike (NH 00143), & (NH 00483), NHWRB Number 47.17, Connecticut River Basin, Claremont, New Hampshire. Phase I Inspection Report.
AD-A156 106/7 21-548,358 MF A01

National Program for Inspection of Non-Federal Dams. Childs Bog Dam (NH 00096), State Number 109.13, Connecticut River Basin, Harrisville, New Hampshire. Phase I Inspection Report.
AD-A156 107/5 21-548,359 MF A01

National Program for Inspection of Non-Federal Dams. Chesham Pond Dam (NH 00063), State Number 109.02, Connecticut River Basin, Harrisville, New Hampshire. Phase I Inspection Report.
AD-A156 109/1 21-548,360 MF A01

National Program for Inspection of Non-Federal Dams. Lower Reservoir Dam (NH 00048), NHWRB Number 108.05, Connecticut River Basin, Hanover, New Hampshire. Phase I Inspection Report.
AD-A156 110/9 21-548,361 MF A01

National Program for Inspection of Non-Federal Dams. Lake Gloriette Dam and Dike (NH00171 & 00168). Connecticut River Basin, Dixville, New Hampshire. Phase I Inspection Report.
AD-A156 123/2 21-548,362 MF A01

National Program for Inspection of Non-Federal Dams. Harris Pond Dam (NH 00122), Merrimack River Basin, Nashua, New Hampshire. Phase I Inspection Report.
AD-A156 125/7 21-548,363 MF A01

National Program for Inspection of Non-Federal Dams. Merrimack Village Dam (NH 00115), Merrimack River Basin, Merrimack, New Hampshire. Phase I Inspection Report.
AD-A156 127/3 21-548,364 MF A01

National Program for Inspection of Non-Federal Dams. Textile Printing Co. (Upper) Dam (MA00560), Connecticut River Basin, Palmer, Massachusetts. Phase I Inspection Report.
AD-A156 142/2 21-548,365 MF A01

National Program for Inspection of Non-Federal Dams. Ice Pond Dam (NH00145), Connecticut River Basin, Littleton, New Hampshire. Phase I Inspection Report.
AD-A156 143/0 21-548,366 MF A01

National Program for Inspection of Non-Federal Dams. Howe Reservoir Dam (NH 00095), NHWRB 109.12, Connecticut River Basin, Harrisville, New Hampshire. Phase I Inspection Report.
AD-A156 147/1 21-548,367 MF A01

National Program for Inspection of Non-Federal Dams. Lower Dam (NH 00129), NHWRB 222.01, Connecticut River Basin, Stewartstown, New Hampshire. Phase I Inspection Report.
AD-A156 148/9 21-548,368 MF A01

National Program for Inspection of Non-Federal Dams. Seaver Reservoir Dam (NH 00094), State Number 109.11, Connecticut River Basin, Harrisville, New Hampshire. Phase I Inspection Report.
AD-A156 149/7 21-548,369 MF A01

National Program for Inspection of Non-Federal Dams. Hillside Beach (MA 00600) Connecticut River Basin, South Hadley, Massachusetts. Phase I Inspection Report.
AD-A156 159/6 21-548,370 MF A01

National Program for Inspection of Non-Federal Dams. Leverett Pond (MA 00525) Connecticut River Basin, Leverett, Massachusetts. Phase I Inspection Report.
AD-A156 162/0 21-548,371 MF A01

National Program for Inspection of Non-Federal Dams. Sargent Lake Dam (NH 00086), State Number 21.03, Merrimack River Basin, Belmont, New Hampshire. Phase I Inspection Report.
AD-A156 183/6 21-548,374 MF A01

National Program for Inspection of Non-Federal Dams. Tilton Town Dam (NH 00151), Merrimack River Basin, Tilton, New Hampshire. Phase I Inspection Report.
AD-A156 184/4 21-548,375 MF A01

National Program for Inspection of Non-Federal Dams. Millville Reservoir Dam (NH 00030) (NHWRF209.08) Merrimack River Basin, Salem, New Hampshire. Phase I Inspection Report.
AD-A156 221/4 21-548,377 MF A01

National Program for Inspection of Non-Federal Dams. China Dam (NH 00023) (NHWRB 190.01) Merrimack River Basin, Allenstown-Pembroke, New Hampshire. Phase I Inspection Report.
AD-A156 223/0 21-548,378 MF A01

National Program for Inspection of Non-Federal Dams. Hopedale Pond Dam (MA 00624) Blackstone River Basin, Hopedale, Massachusetts. Phase I Inspection Report.
AD-A156 224/8 21-548,379 MF A01

National Program for Inspection of Non-Federal Dams. Diamond International Corporation, Upper Dam (MA 00562) Connecticut River Basin, Palmer, Massachusetts. Phase I Inspection Report.
AD-A156 225/5 21-548,380 MF A01

National Program for Inspection of Non-Federal Dams. Lake Kanasatka Dam (NH 00125) Merrimack River Basin, Moultonboro, New Hampshire. Phase I Inspection Report.
AD-A156 232/1 21-548,381 MF A01

National Program for Inspection of Non-Federal Dams. Durepo Brook Dam (ME 00348) Saint John River Basin, Limestone, Maine. Phase I Inspection Report.
AD-A156 234/7 21-548,382 MF A01

National Program for Inspection of Non-Federal Dams. Ammonoosuc River Dam (NH 00061) (NHWRB Number 17.02). Connecticut River Basin Bath, New Hampshire. Phase I Inspection Report.
AD-A156 235/4 21-548,383 MF A01

National Program for Inspection of Non-Federal Dams. Mountain Brook Dam (NH 00099) NHWRB 124.17, Merrimack River Basin, Jaffrey, Massachusetts. Phase I Inspection Report.
AD-A156 249/5 21-548,384 MF A01

National Program for Inspection of Non-Federal Dams. Upper Kimball Lake Dam (NH 00149) Saco River Basin, Chatham, New Hampshire. Phase I Inspection Report.
AD-A156 250/3 21-548,385 MF A01

National Program for Inspection of Non-Federal Dams. Wildwood Lake Dam (MA 00667), Blackstone River Basin, Upton, Massachusetts. Phase I Inspection Report.
AD-A156 251/1 21-548,386 MF A01

National Program for Inspection of Non-Federal Dams. Hycrest Farm Pond Dam (MA 00673), Merrimack River Basin, Sterling, Massachusetts. Phase I Inspection Report.
AD-A156 252/9 21-548,387 MF A01

National Program for Inspection of Non-Federal Dams. Wolcott Dam (VT 00179), Richelieu River Basin, Wolcott, Vermont. Phase I Inspection Report.
AD-A156 254/5 21-548,388 MF A01

National Program for Inspection of Non-Federal Dams. Nichols Pond Dam (VT 00184), Richelieu River Basin, Woodbury, Vermont. Phase I Inspection Report.
AD-A156 255/2 21-548,389 MF A01

National Program for Inspection of Non-Federal Dams. Woodward Reservoir Dam (VT 00209), Connecticut River Basin, Plymouth, Vermont. Phase I Inspection Report.
AD-A156 256/0 21-548,390 MF A01

National Program for Inspection of Non-Federal Dams. Crystal Lake Dam (VT 00008), Lake Memphremagog Basin, Barton, Vermont. Phase I Inspection Report.
AD-A156 257/8 21-548,391 MF A01

National Program for Inspection of Non-Federal Dams. Sprague Upper Reservoir Dam (RI 03105), Providence River Basin, Smithfield, Rhode Island. Phase I Inspection Report.
AD-A156 258/6 21-548,392 MF A01

National Program for Inspection of Non-Federal Dams. Warren Lake Dam (VT 00263), Richelieu River Basin, Warren, Vermont. Phase I Inspection Report.
AD-A156 260/2 21-548,393 MF A01

National Program for Inspection of Non-Federal Dams. Miles Pond Dam (VT 00062), Connecticut River Basin, Concord, Vermont. Phase I Inspection Report.
AD-A156 261/0 21-548,394 MF A01

National Program for Inspection of Non-Federal Dams. Grand Lake Dam (ME 00180), Penobscot River Basin, Grand Lake Matagamon. Phase I Inspection Report.
AD-A156 265/1 21-548,395 MF A01

National Program for Inspection of Non-Federal Dams. Lower Lisbon Dam (NH 00144), Connecticut River Basin, Lisbon, New Hampshire. Phase I Inspection Report.
AD-A156 267/7 21-548,396 MF A01

National Program for Inspection of Non-Federal Dams. Claremont Paper Company Dam (NH 00139) State Number 47.06, Connecticut River Basin, Claremont, New Hampshire. Phase I Inspection Report.
AD-A156 268/5 21-548,397 MF A01

National Program for Inspection of Non-Federal Dams. Otis Company Dam Number 1 (NH 00041), NHWRB 101.01, Merrimack River Basin, Greenville, New Hampshire. Phase I Inspection Report.
AD-A156 269/3 21-548,398 MF A01

National Program for Inspection of Non-Federal Dams. Lake Skatutakee Dam (NH 00066), (NHWRB 109.10), Merrimack River Basin, Harrisville, New Hampshire. Phase I Inspection Report.
AD-A156 270/1 21-548,399 MF A01

National Program for Inspection of Non-Federal Dams. Highland Lakes-Lower Lake Dam (MA 00598), Connecticut River Basin, Goshen, Massachusetts. Phase I Inspection Report.
AD-A156 274/3 21-548,400 MF A01

National Program for Inspection of Non-Federal Dams. Badger Pond Dam (NH 00085), State No. 21.02 Merrimack River Basin, Belmont, New Hampshire. Phase I Inspection Report.
AD-A156 276/8 21-548,401 MF A01

National Program for Inspection of Non-Federal Dams. Limestone Dam (ME 00492), Saint John River Basin, Limestone, Maine. Phase I Inspection Report.
AD-A156 277/6 21-548,402 MF A01

National Program for Inspection of Non-Federal Dams. Westminster Reservoir Dam (MA 00639) MA 00639, Merrimack River Basin, Westminster, Massachusetts. Phase I Inspection Report.
AD-A156 278/4 21-548,403 MF A01

National Program for Inspection of Non-Federal Dams. Goose Pond Dam (NH 00118) NHWRB 36.01, Connecticut River Basin, Canaan, New Hampshire. Phase I Inspection Report.
AD-A156 279/2 21-548,404 MF A01

National Program for Inspection of Non-Federal Dams. Campton Pond Dam (N.H. 00130) Merrimack River, Basin, Campton, New Hampshire. Phase I Inspetion Report.
AD-A156 287/5 21-548,407 MF A01

National Program for Inspection of Non-Federal Dams. Sawyer Lake Dam (N.H. 00016) (State Number 91.01) Merrimack River Basin, Gilmanton, New Hampshire. Phase I Inspection Report.
AD-A156 289/1 21-548,408 MF A01

National Program for Inspection of Non-Federal Dams. Alton Power Dam (NH 00011), Merrimack River Basin, Alton, New Hampshire. Phase I Inspection Report.
AD-A156 290/9 21-548,409 MF A01

National Program for Inspection of Non-Federal Dams. Fitch Reservoir Dam (NH 00142), Connecticut River Basin, Claremont, New Hampshire. Phase I Inspection Report.
AD-A156 318/8 21-548,410 MF A01

National Program for Inspection of Non-Federal Dams. Lake Anasagunticook Dam (ME 00434), Androscoggin River Basin, Canton, Maine. Phase I Inspection Report.
AD-A156 319/6 21-548,411 MF A01

National Program for Inspection of Non-Federal Dams. Mollywocket Brook Dam (NH 00076), Androscoggin River Basin, Success, New Hampshire. Phase I Inspection Report.
AD-A156 320/4 21-548,412 MF A01

National Program for Inspection of Non-Federal Dams. Errol Dam (NH 00161), NHWRB 80.01, Androscoggin River Basin, Errol, New Hampshire. Phase I Inspection Report.
AD-A156 321/2 21-548,413 MF A01

National Program for Inspection of Non-Federal Dams. Ryegate Paper Company Dam (NH 00014), State Number 17.01, Connecticut River Basin, Bath, New Hampshire. Phase I Inspection Report.
AD-A156 338/6 21-548,414 MF A01

National Program for Inspection of Non-Federal Dams. Bradley Lake Dam (NH 00034), NHWRB Number 8.02, Merrimack River Basin, Andover, New Hampshire. Phase I Inspection Report.
AD-A156 339/4 21-548,415 MF A01

National Program for Inspection of Non-Federal Dams. Aaron River Dam (MA 01280), Massachusetts Coastal Basin, Cohasset, Massachusetts. Phase I Inspection Report.
AD-A156 340/2 21-548,416 MF A01

National Program for Inspection of Non-Federal Dams. Sennebec Pond Dam (ME 00248), Central Maine Coastal Basin, Union, Maine. Phase I Inspection Report.
AD-A156 341/0 21-548,417 MF A01

National Program for Inspection of Non-Federal Dams. Supply Pond Dam (NH 00123), NHWRB 165.06, Merrimack River Basin, Nashua, New Hampshire. Phase I Inspection Report.
AD-A156 342/8 21-548,418 MF A01

National Program for Inspection of Non-Federal Dams. Cummings Dam (NH 00154), State Number 134.05, Connecticut River Basin, Lebanon, New Hampshire. Phase I Inspection Report.
AD-A156 343/6 21-548,419 MF A01

National Program for Inspection of Non-Federal Dams. Hanover Center Reservoir Dam (NH 00051), State Number 108.14, Connecticut River Basin, Hanover, New Hampshire. Phase I Inspection Report.
AD-A156 344/4 21-548,420 MF A01

National Program for Inspection of Non-Federal Dams. Suncook Lake Dam (NH 00013), State Number 14.03, Merrimack River Basin, Barnstead, New Hampshire. Phase I Inspection Report.
AD-A156 345/1 21-548,421 MF A01

National Program for Inspection of Non-Federal Dams. Woodland Dam (ME 00218), Saint Croix River Basin, Baileyville, Maine, United States and St. Stephen, New Brunswick, Canada. Phase I Inspection Report.
AD-A156 346/9 21-548,422 MF A01

National Program for Inspection of Non-Federal Dams. Eastman Lake Dam (HN 00039), (NHWRB 97.04), Connecticut River Basin, Grantham, New Hampshire. Phase I Inspection Report.
AD-A156 365/9 21-548,424 MF A01

National Program for Inspection of Non-Federal Dams. Rocky Lake Dams (ME 00399) Orange River Basin, Whiting, Maine. Phase I Inspection Report.
AD-A156 367/5 21-548,425 MF A01

National Program for Inspection of Non-Federal Dams. Reservoir Dam (ME 0047?), Kennebec River Basin, Waterville, Maine. Phase I Inspection Report.
AD-A156 368/3 21-548,426 MF A01

National Program for Inspection of Non-Federal Dams. Vilas Pool Dam (NH 00009) Connecticut River Basin, Alstead, New Hampshire. Phase I Inspection Report.
AD-A156 369/1 21-548,427 MF A01

National Program for Inspection of Non-Federal Dams. Lake Abeniki Dam (NH 00173), State Number 65.03, Connecticut River Basin, Dixville, New Hampshire. Phase I Inspection Report.
AD-A156 371/7 21-548,428 MF A01

National Program for Inspection of Non-Federal Dams. Bethlehem Dam (NH 00279), Connecticut River Basin, Bethlehem, New Hampshire. Phase I Inspection Report.
AD-A156 373/3 21-548,429 MF A01

National Program for Inspection of Non-Federal Dams. Ashuelot River Dam (NH 00100), (NHWRB 126.01), Connecticut River Basin, Keene, New Hampshire. Phase I Inspection Report.
AD-A156 374/1 21-548,430 MF A01

National Program for Inspection of Non-Federal Dams. Pierce Power Dam, (NH 00250), State Number 22.04, Merrimack River Basin, Bennington, New Hampshire. Phase I Inspection Report.
AD-A156 375/8 21-548,431 MF A01

National Programs for Inspection of Non-Federal Dams. Baker Floodwater Reservoir Site 2 (NH 00231), (NHWRB Number 244.10), Merrimack River Basin, Warren, New Hampshire. Phase I Inspection Report.
AD-A156 376/6 21-548,432 MF A01

National Program for Inspection of Non-Federal Dams. Chase Pond Dam (NH 00255), NHWRB Number 253.02, Merrimack River Basin, Wilmot, New Hampshire. Phase I Inspection Report.
AD-A156 378/2 21-548,433 MF A01

National Program for Inspection of Non-Federal Dams. Ward Dam (NH 00262), NHWRB 254.18, Merrimack River Basin, West Wilton, New Hampshire. Phase I Inspection Report.
AD-A156 382/4 21-548,434 MF A01

National Program for Inspection of Non-Federal Dams. Rice Reservoir Dam (NH 00141), State Number 47.14, Connecticut River Basin, Claremont, New Hampshire. Phase I Inspection Report.
AD-A156 383/2 21-548,435 MF A01

National Program for Inspection of Non-Federal Dams. Great East Lake Dam (NH 00111) (NHWRB Number 241.14) Piscataqua River Basin, Wakefield, New Hampshire. Phase I Inspection Report.
AD-A156 384/0 21-548,436 MF A01

National Program for Inspection of Non-Federal Dams. Filtrine Dam (NH 00067) State Number 109.14, Merrimack River Basin, Harrisville, New Hampshire. Phase I Inspection Report.
AD-A156 385/7 21-548,437 MF A01

National Program for Inspection of Non-Federal Dams. Monadnock Power Station Dam (NH 00249) State Number 22.03, Merrimack River, Bennington, New Hampshire. Phase I Inspection Report.
AD-A156 386/5 21-548,438 MF A01

National Program for Inspection of Non-Federal Dams. Smith Pond Dam (NH 00073) State Number 77.12, Connecticut River Basin, Enfield New Hampshire. Phase I Inspection Report.
AD-A156 387/3 21-548,439 MF A01

National Program for Inspection of Non-Federal Dams. Paper Mill Dam (NH 00251) State Number 22.06, Merrimack River Basin, Bennington, New Hampshire. Phase I Inspection Report.
AD-A156 388/1 21-548,440 MF A01

National Program for Inspection of Non-Federal Dams. International Packings Corporation Upper Dam (NH-00315) Merrimack River Basin, Bristol, New Hampshire. Phase I Inspection Report.
AD-A156 389/9 21-548,441 MF A01

National Program for Inspection of Non-Federal Dams. Bog Brook Dam (NH 00194) (NHWRB 220.16) Connecticut River Basin, Springfield, New Hampshire. Phase I Inspection Report.
AD-A156 391/5 21-548,442 MF A01

National Program for Inspection of Non-Federal Dams. Mirror Lake Dam (N.H. 00317) State Number 259.07. Merrimack River Basin, Woodstock, New Hampshire. Phase I Inspection Report.
AD-A156 397/2 21-548,443 MF A01

National Program for Inspection of Non-Federal Dams. Dan Hole Pond Dam (NH 00376) (NHWRB 188.01), Saco River Basin, Ossipee, New Hampshire. Phase I Inspection Report.
AD-A156 398/0 21-548,444 MF A01

National Program for Inspection of Non-Federal Dams. Souhegan River Watershed Dam Number 10A (NH 00264) (NHWRB 254.33), Merrimack River Basin, Wilton, New Hampshire. Phase I Inspection Report.
AD-A156 400/4 21-548,445 MF A01

National Program for Inspection of Non-Federal Dams. Souhegan River Watershed Dam Number 15 (NH 00263) (NHWRB 254.30), Merrimack River Basin, Wilton, New Hampshire.
AD-A156 401/2 21-548,446 MF A01

National Program for Inspection of Non-Federal Dams. Oliverian Dam (NH-00268) (NHWRB 02306), Connecticut River Basin, Benton, New Hampshire. Phase I Inspection Report.
AD-A156 402/0 21-548,447 MF A01

National Program for Inspection of Non-Federal Dams. Ashuelot Pond Dam (NH 00237) (NHWRB Number 245.05) Connecticut River Basin, Washington, New Hampshire. Phase I Inspection Report.
AD-A156 403/8 21-548,448 MF A01

National Program for Inspection of Non-Federal Dams. Mine Falls Dam (NH 00116) (NHWRB 165.01) Merrimack River Basin, Nashua, New Hampshire. Phase I Inspection Report.
AD-A156 404/6 21-548,449 MF A01

National Program for Inspection of Non-Federal Dams. Bowers Dam (NH 00330) (NHWRB Number 165.04) Merrimack River Basin, Nashua, New Hampshire. Phase I Inspection Report.
AD-A156 405/3 21-548,450 MF A01

National Program for Inspection of Non-Federal Dams. Sunapee Lake Town Dam (NH 00108), (NHWRB 229.05), Connecticut River Basin, Sunapee, New Hampshire. Phase I Inspection Report.
AD-A156 406/1 21-548,451 MF A01

National Program for Inspection of Non-Federal Dams. High Service Distribution Reservoir (NH 00296), (NHWRB 150.11), Merrimack River Basin, Manchester, New Hampshire. Phase I Inspection Report.
AD-A156 407/9 21-548,452 MF A01

National Program for Inspection of Non-Federal Dams. Abbott Memorial Trust Dam (NH 00260) (NHWRB 254.05) Merrimack River Basin, Wilton, New Hampshire. Phase I Inspection Report.
AD-A156 410/3 21-548,453 MF A01

National Program for Inspection of Non-Federal Dams. Mascoma Dam, (NH 00155), NHWRB 134.09, Connecticut River Basin, Lebanon, New Hampshire. Phase I Inspection Report.
AD-A156 411/1 21-548,454 MF A01

National Program for Inspection of Non-Federal Dams. Berry Brook Dam, (NH 00313), State Number 83.06, Piscataqua River Basin, Farmington, New Hampshire. Phase I Inspection Report.
AD-A156 412/9 21-548,455 MF A01

National Program for Inspection of Non-Federal Dams. Baker Floodwater Reservoir Site 8 (NH 00178), NHWRB Number 66.08, Merrimack River Basin, Dorchester, New Hampshire. Phase I Inspection Report.
AD-A156 414/5 21-548,456 MF A01

National Program for Inspection of Non-Federal Dams. Baker Floodwater Reservoir Site 6 (NH 00243), NHWRB Number 24901, Merrimack River Basin, Wentworth, New Hampshire. Phase I Inspection Report.
AD-A156 415/2 21-548,457 MF A01

National Program for Inspection of Non-Federal Dams. Pequawket Powder Company Dam, (NH 00322), NHWRB Number 52.02, Saco River Basin, Conway, New Hampshire. Phase I Inspection Report.
AD-A156 416/0 21-548,458 MF A01

National Program for Inspection of Non-Federal Dams. Glen Road Dam, (NH 00159), State Number 134.12, Connecticut River Basin, Lebanon, New Hampshire. Phase I Inspection Report.
AD-A156 417/8 21-548,459 MF A01

National Program for Inspection of Non-Federal Dams. Union Meadows Dam, (N.H. 00222), State Number 241.05, Piscataqua River Basin, Wakefield, New Hampshire. Phase I Inspection Report.
AD-A156 418/6 21-548,460 MF A01

National Program for Inspection of Non-Federal Dams. Millen Lake Dam (NH 00236), NHWRB Number 245.04, Connecticut River Basin, Washington, New Hampshire. Phase I Inspection Report.
AD-A156 423/6 21-548,461 MF A01

National Program for Inspection of Non-Federal Dam. First Connecticut Lake Dam (NH 00186), NHWRB 194.02, Connecticut River Basin, Pittsburg, New Hampshire. Phase I Inspection Report.
AD-A156 424/4 21-548,462 MF A01

National Program for Inspection of Non-Federal Dams. Lower Mountain Lake (NH 00195), Connecticut River Basin, Haverhill, New Hampshire. Phase I Inspection Report.
AD-A156 427/7 21-548,463 MF A01

National Program for Inspection of Non-Federal Dams. Mascoma Dam Number 2 (NH 00156) NHWRB 134.11, Connecticut River Basin, Lebanon, New Hampshire. Phase I Inspection Report.
AD-A156 428/5 21-548,464 MF A01

National Program for Inspection of Non-Federal Dams. Baker Floodwater Reservoir Site 5 and Dike (NH 00245 & 00245), NHWRB Number 249.11, Merrimack River Basin, Wentworth, New Hampshire. Phase I Inspection Report.
AD-A156 429/3 21-548,465 MF A01

National Program for Inspection of Non-Federal Dam. Baltic Mills Dam (NH 00273), State Number 077.02, Connecticut River Basin, Enfield, New Hampshire. Phase I Inspection Report.
AD-A156 432/7 21-548,466 MF A01

National Program for Inspection of Non-Federal Dam. Kilburn Pond Dam (NH 00298), NHWRB Number 255.09, Connecticut River Basin, Winchester, New Hampshire. Phase I Inspection Report.
AD-A156 435/0 21-548,467 MF A01

National Program for Inspection of Non-Federal Dam. Exeter Water Works Dam (NH 00267), NHWRB Number 82.02, Coastal Basin, Exeter, New Hampshire. Phase I Inspection Report.
AD-A156 436/8 21-548,468 MF A01

National Program for Inspection of Non-Federal Dam. Milford Town Dam (NH 00312), NHWRB 159.02, Merrimack River Basin, Milford, New Hampshire. Phase I Inspection Report.
AD-A156 437/6 21-548,469 MF A01

National Program for Inspection of Non-Federal Dam. Tyler Tree Farm Dam (NH 00325), State Number 162.04, Connecticut River Basin, Monroe, New Hampshire. Phase I Inspection Report.
AD-A156 438/4 21-548,470 MF A01

National Program for Inspection of Non-Federal Dam. Lakeport Dam (N.H. 00216), State Number 130.01, Merrimack River Basin, Laconia, New Hampshire. Phase I Inspection Report.
AD-A156 440/0 21-548,471 MF A01

National Program for Inspection of Non-Federal Dams. Souhegan River Watershed Dam Number 33 (NH 00265), NHWRB 254.34, Merrimack River Basin, Wilton, New Hampshire. Phase I Inspection Report.

AD-A156 442/6 21-548,472 MF A01
National Program for Inspection of Non-Federal Dams. Pisgah Reservoir Dam (NH 00301), State Number 255.11, Connecticut River Basin, Winchester, New Hampshire. Phase I Inspection Report.
AD-A156 443/4 21-548,473 MF A01
National Program for Inspection of Non-Federal Dams. Meredith Reservoir Dam (NH 00308), Merrimack River Basin, Meredith, New Hampshire. Phase I Inspection Report.
AD-A156 444/2 21-548,474 MF A01
National Program for Inspection of Non-Federal Dams. Robertson Dam (NH 00276), NHWRB Number 255.02, Connecticut River Basin, Winchester, New Hampshire. Phase I Inspection Report.
AD-A156 445/9 21-548,475 MF A01
National Program for Inspection of Non-Federal Dams. Goffs Falls Dam (NH 00292), NHWRB 150.05, Merrimack River Basin, Manchester, New Hampshire. Phase I Inspection Report.
AD-A156 446/7 21-548,476 MF A01
National Program for Inspection of Non-Federal Dams. Goose Pond Dam (NH 00101), Connecticut River Basin, Keene, New Hampshire. Phase I Inspection Report.
AD-A156 450/9 21-548,477 MF A01
National Program for Inspection of Non-Federal Dams. Upper Wilson Pond Dam (NH 00202), Connecticut River Basin, Swanzey, New Hampshire. Phase I Inspection Report.
AD-A156 451/7 21-548,478 MF A01
National Program for Inspection of Non-Federal Dams. Hillsborough Mills Dam (NH 00258), Merrimack River Basin, Wilton, New Hampshire. Phase I Inspection Report.
AD-A156 453/3 21-548,479 MF A01
National Program for Inspection of Non-Federal Dams. Uncanoonuc Lake Dam Number 2 (NH 00021), NHWRB no. 93.04, Merrimack River Basin, Goffstown, New Hampshire. Phase I Inspection Report.
AD-A156 454/1 21-548,480 MF A01
National Program for Inspection of Non-Federal Dams. Harrisville Pond Dam (NH 00065), Merrimack River Basin, Harrisville, New Hampshire. Phase I Inspection Report.
AD-A156 455/8 21-548,481 MF A01
National Program for Inspection of Non-Federal Dams. Second Connecticut Lake Dam (NH 00187) NHWRB 194.07, Connecticut River Basin, Pittsburg, New Hampshire. Phase I Inspection Report.
AD-A156 461/6 21-548,482 MF A01
National Program for Inspection of Non-Federal Dams. Souhegan River Watershed Multiple Purpose Site Dam Number 12A (NH 00210 and 00211), Merrimack River Basin, Temple, New Hampshire. Phase I Inspection Report.
AD-A156 462/4 21-548,483 MF A01
National Program for Inspection of Non-Federal Dams. Souhegan River Watershed Dam Number 35 (NH 00435), NHWRB 175.21, Merrimack River Basin, New Ipswich, New Hampshire. Phase I Inspection Report.
AD-A156 466/5 21-548,484 MF A01
National Program for Inspection of Non-Federal Dams. Concord Water Works Dam (NH 00360), NHWRB Number 51.13, Merrimack River Basin, Concord, New Hampshire. Phase I Inspection Report.
AD-A156 467/3 21-548,485 MF A01
National Program for Inspection of Non-Federal Dams. Enfield Reservoir Dam (NH 00354), State Number 36.08, Connecticut River Basin, Hanover, New Hampshire. Phase I Inspection Report.
AD-A156 470/7 21-548,486 MF A01
National Program for Inspection of Non-Federal Dam. Olsen Dam (NH 00190), NHWRB 112.09, Connecticut River Basin, Haverhill, New Hampshire. Phase I Inspection Report.
AD-A156 473/1 21-548,487 MF A01
National Program for Inspection of Non-Federal Dams. Lower Groveton Dam (NH 00369), Connecticut River Basin, Northumberland, New Hampshire. Phase I Inspection Report.
AD-A156 474/9 21-548,488 MF A01
National Program for Inspection of Non-Federal Dams. Milton Leather Board Dam (NH 00316), Piscataqua River Basin, Milton, New Hampshire. Phase I Inspection Report.
AD-A156 475/6 21-548,489 MF A01
National Program for Inspection of Non-Federal Dams. St. Pauls School Dam (NH 00361), NHWRB Number 51.25, Merrimack River Basin, Concord, New Hampshire. Phase I Inspection Report.
AD-A156 476/4 21-548,490 MF A01
National Program for Inspection of Non-Federal Dams. New Durham Dam (NH 00345), Merrimack River Basin, New Durham, New Hampshire. Phase I Inspection Report.
AD-A156 483/0 21-548,491 MF A01
National Program for Inspection of Non-Federal Dams. Souhegan River Watershed Dam Number 28 (NH 00429) (NHWRB 147.26), Merrimack River Basin, Lyndeborough, New Hampshire. Phase I Inspection Report.
AD-A156 484/8 21-548,492 MF A01
National Program for Inspection of Non-Federal Dams. Rollinsford Dam (NH 00396) State Number 205.02, Piscataqua River Basin, Rollinsford, New Hampshire. Phase I Inspection Report.
AD-A156 487/1 21-548,493 MF A01
National Program for Inspection of Non-Federal Dams. Noone Mills Dam (NH 00427) (NHWRB Number 191.02), Merrimack River Basin, Peterborough, New Hampshire. Phase I Inspection Report.
AD-A156 488/9 21-548,494 MF A01
National Program for Inspection of Non-Federal Dams. Macallen Dam (NH 00365), New Hampshire Coastal Basin, Newmarket, New Hampshire. Phase I Inspection Report.
AD-A156 490/5 21-548,495 MF A01
National Program for Inspection of Non-Federal Dams. Buck Street West Dam (NH 00444) (NHWRB 190.05), Merrimack River Basin, Pembroke, New Hampshire. Phase I Inspection Report.
AD-A156 491/3 21-548,496 MF A01
National Program for Inspection of Non-Federal Dams. Babbidge Reservoir Dam (NH 00398), NHWRB 206.03, Connecticut River Basin, Roxbury, New Hampshire. Phase I Inspection Report.
AD-A156 510/0 21-548,501 MF A01
National Program for Inspection of Non-Federal Dams. Buck Street East Dam (NH 00445), NHWRB Number 190.06, Merrimack River Basin, Pembroke, New Hampshire. Phase I Inspection Report.
AD-A156 512/6 21-548,502 MF A01
National Program for Inspection of Non-Federal Dams. Whitewater Brook Dam Number 2 (NH 00344) (NHWRB 47.30) Connecticut River Basin, Claremont, New Hampshire. Phase I Inspection Report.
AD-A156 522/5 21-548,503 MF A01
National Program for Inspection of Non-Federal Dams. Gonic Dam (NH 00388) Piscataqua River Basin, Rochester, New Hampshire. Phase I Inspection Report.
AD-A156 523/3 21-548,504 MF A01
National Program for Inspection of Non-Federal Dams. Spaulding Dam (NH-00390), Piscataqua River Basin, Rochester, New Hampshire. Phase I Inspection Report.
AD-A156 527/4 21-548,505 MF A01
National Program for Inspection of Non-Federal Dams. Souhegan River Watershed Dam Number 14 (NH 00433) (NHWRB 175.01) Merrimack River Basin, New Ipswich, New Hampshire. Phase I Inspection Report.
AD-A156 528/2 21-548,506 MF A01
National Program for Inspection of Non-Federal Dams. Butterfield Pond Dam (NH 00233), NHWRB Number 245.01, Connecticut River Basin, Washington, New Hampshire. Phase I Inspection Report.
AD-A156 529/0 21-548,507 MF A01
National Program for Inspection of Non-Federal Dams. Sanborn Pond Outlet Dam (NH 00182), NHWRB Number 143.10, Merrimack River Basin, Loudon, New Hampshire. Phase I Inspection Report.
AD-A156 530/8 21-548,508 MF A01
National Program for Inspection of Non-Federal Dams. Murphy Dam (NH 00185), Connecticut River Basin, Pittsburg, New Hampshire. Phase I Inspection Report.
AD-A156 532/4 21-548,509 MF A01
National Program for Inspection of Non-Federal Dams. Baker Floodwater Reservoir Site 11A (NH 00247), NHWRB Number 249.14, Merrimack River Basin, Wentworth, New Hampshire. Phase I Inspection Report.
AD-A156 533/2 21-548,510 MF A01
National Program for Inspection of Non-Federal Dams. Stockwell Brook Dam (NH 00261), NHWRB 254.09, Merrimack River Basin, Wilton, New Hampshire. Phase I Inspection Report.
AD-A156 534/0 21-548,511 MF A01
National Program for Inspection of Non-Federal Dams. Walker Oliverian Stream Dam (NH 00068), State Number 112.02, Connecticut River Basin, Haverhill, New Hampshire. Phase I Inspection Report.
AD-A156 535/7 21-548,512 MF A01
National Program for Inspection of Non-Federal Dams. Souhegan River Watershed Dam Number 26 (NH 00207), NHWRB 234.08, Merrimack River Basin, Temple, New Hampshire. Phase I Inspection Report.
AD-A156 537/3 21-548,513 MF A01
National Program for Inspection of Non-Federal Dams. Gregg Lake Dam (NH 00056), NHWRB-9.03, Contoocook River Basin, Antrim, New Hampshire. Phase I Inspection Report.
AD-A156 545/6 21-548,514 MF A01
National Program for Inspection of Non-Federal Dams. Storrs Pond Dam (NH 00050), NHWRB Number 108.07, Connecticut River Basin, Hanover, New Hampshire. Phase I Inspection Report.
AD-A156 546/4 21-548,515 MF A01
National Program for Inspection of Non-Federal Dams. Bellamy Reservoir Dam (NH 00471), Piscataqua River Basin, Madbury, New Hampshire. Phase I Inspection Report.
AD-A156 549/8 21-548,516 MF A01
National Program for Inspection of Non-Federal Dams. Packers Falls Dam (NH 00441), (NHWRB 71.04) Piscataqua River Basin, Durham, New Hampshire. Phase I Inspection Report.
AD-A156 552/2 21-548,517 MF A01
National Program for Inspection of Non-Federal Dams. Webster Dam (NH 00378), Merrimack River Basin, Allenstown-Pembroke, New Hampshire. Phase I Inspection Report.
AD-A156 553/0 21-548,518 MF A01
National Program for Inspection of Non-Federal Dams. Loch Lyndon Reservoir Dam (NH 00392), State No. 168.01, Merrimack River Basin, Newbury, New Hampshire. Phase I Inspection Report.
AD-A156 554/8 21-548,519 MF A01
National Program for Inspection of Non-Federal Dams. Souhegan River Watershed Dam Number 13 (NH 00432 & 00481). NHWRB175.20 Merrimack River Basin, New Ipswich, New Hampshire. Phase I Inspection Report.
AD-A156 555/5 21-548,520 MF A01
National Program for Inspection of Non-Federal Dams. Mill Street Dam (ME-00273), Mousam River Basin, Sanford, Maine. Phase I Inspection Report.
AD-A156 563/9 21-548,521 MF A01
National Program for Inspection of Non-Federal Dams. Upper Reservoir Dam (NH 00049) (NHWRB Number 108.06) Connecticut River Basin, Hanover, New Hampshire. Phase I Inspection Report.
AD-A156 566/2 21-548,522 MF A01
National Program for Inspection of Non-Federal Dams. Almy Reservoir Dam (RI 01606), Pawtuxet River Basin, Johnston, Rhode Island. Phase I Inspection Report.
AD-A156 579/5 21-548,523 PC A05/MF A01
National Program for Inspection of Non-Federal Dams. Middlesex Dam (VT 00029), Richelieu River Basin, Middlesex, Vermont. Phase I Inspection Report.
AD-A156 582/9 21-548,524 PC A05/MF A01
National Program for Inspection of Non-Federal Dams. Lower Pond Dam (VT 00059), Richelieu River Basin, Hinesburg, Vermont. Phase I Inspection Report.
AD-A156 585/2 21-548,525 PC A05/MF A01
National Program for Inspection of Non-Federal Dams. Barden Reservoir Dam (RI 03003) Pawtuxet River Basin, Scituate, Rhode Island. Phase I Inspection Report.
AD-A156 586/0 21-548,526 PC A05/MF A01
National Program for Inspection of Non-Federal Dams. Harris Pond Dam (RI 03901), Providence River Basin, Woonsocket, Rhode Island. Phase I Inspection Report.
AD-A156 587/8 21-548,527 PC A05/MF A01
National Program for Inspection of Non-Federal Dams. Woonsocket Reservoir Number 3 Dam (RI 02505) Blackstone River Basin, Smithfield-North Smithfield, Rhode Island. Phase I Inspection Report.
AD-A156 591/0 22-550,580 MF A01
National Program for Inspection of Non-Federal Dams. Slack Reservoir Dam (RI 03104) Woonasquatucket River Basin, Smithfield, Rhode Island. Phase I Inspection Report.
AD-A156 594/4 22-550,581 PC A05/MF A01
National Program for Inspection of Non-Federal Dams. Burlingame Reservoir, Upper Dam (RI 01306) Blackstone River Basin, Glocester, Rhode Island. Phase I Inspection Report.
AD-A156 680/1 22-550,583 MF A01
National Program for Inspection of Non-Federal Dams. Clarkville Pond Dam (RI 01309) Quinebaug River Basin, Gloucester, Rhode Island. Phase I Inspection Report.
AD-A156 681/9 22-550,584 MF A01
National Program for Inspection of Non-Federal Dams. Jewell Brook Dam Site Number 3, (VT 00016) (VT 00262) Connecticut River Basin, Ludlow, Vermont. Phase I Inspection Report.
AD-A156 682/7 22-550,585 MF A01
National Program for Inspection of Non-Federal Dams. Slatersville Reservoir Upper Dam (RI 02501), Blackstone River Basin, No. Smith Rhode Island. Phase I Inspection Report.
AD-A156 734/6 22-550,587 MF A01
National Program for Inspection of Non-Federal Dams. Montpelier Number 4 Dam (VT 00048) Richelieu River Basin, East Montpelier. Phase I Inspection Report.
AD-A156 737/9 22-550,588 MF A01
National Program for Inspection of Non-Federal Dams. Natick Pond Dam (RI 03801) Pawtuxet River Basin, Warwick, Rhode Island. Phase I Inspection Report.
AD-A156 738/7 22-550,589 MF A01
National Program for Inspection of Non-Federal Dams. Arctic Dam (RI 03802), Narragansett Bay Basin, West Warwick, Rhode Island. Phase I Inspection Report.
AD-A156 739/5 22-550,590 MF A01
National Program for Inspection of Non-Federal Dams. Lawton Valley Reservoir Dam (RI 02701) Narragansett Bay Basin, Portsmouth, Rhode Island. Phase I Inspection Report.
AD-A156 740/3 22-550,591 MF A01
National Program for Inspection of Non-Federal Dams. Kent Pond Dam (VT 00071) Connecticut River Basin, Sherburne, Vermont. Phase I Inspection Report.
AD-A156 744/5 22-550,592 MF A01
National Program for Inspection of Non-Federal Dams. Stillwater Reservoir Dam (RI 03101) Narragansett Bay Basin, Smithfield, Rhode Island, Phase I Inspection Report.
AD-A156 746/0 22-550,593 MF A01
National Program for Inspection of Non-Federal Dams. Site Number 1, Dead River Dam (NH 00473) Androscog-

gin River Basin, Berlin, New Hampshire. Phase I Inspection Report.
AD-A156 748/6 **22**-*550,594* MF **A01**

National Program for Inspection of Non-Federal Dams. Slatersville Reservoir Middle Dam (RI 02502) Blackstone River Basin, No. Smithfield, Rhode Island. Phase I Inspection Report.
AD-A156 749/4 **22**-*550,595* MF **A01**

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DEPARTMENT OF ENERGY, OAKLAND, CA. SAN FRANCISCO OPERATIONS OFFICE.

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Enhanced Oil Recovery for Thermal Processes. First Amendment and Extension to Annex IV.

DE84012722 **02**-*503,702* PC **A16**/MF **A01**

DEPARTMENT OF ENERGY, PHILADELPHIA, PA. REGION III.

DOE/R3/06059-T1
Application of Appropriate Technology to Solar Heating System Design and Construction.
DE85009262 **19**-*543,302* PC **A07**/MF **A01**

DEPARTMENT OF ENERGY, PITTSBURGH, PA. PITTSBURGH ENERGY TECHNOLOGY CENTER.

CONF-830483-V.1
Coal Slurry Combustion and Technology. Volume 1.
DE84007930 **09**-*520,776* PC **A99**/MF **A01**

CONF-830542-10
Recent Developments in Indirect Liquefaction Technology.
DE85012224 **23**-*554,376* PC **A02**/MF **A01**

CONF-830807-
Proceedings: 1983 International Conference on Coal Science.
DE84010399 **09**-*520,779* PC **A99**

CONF-840301-2
On-Line Instrument Evaluation for Characterization of Alternate Fuels.
DE85013462 **23**-*554,408* PC **A03**/MF **A01**

CONF-840301-3
Flow Studies of Highly Loaded Coal-Water Mixtures around Bends and Across Horizontal Sections.
DE85013460 **23**-*552,699* PC **A03**/MF **A01**

CONF-840325-5
FETC Fluidized-Bed Copper Oxide Process for Combined SO sub 2 /NO/sub X/ Removal from Flue Gas.
DE85013469 **23**-*554,413* PC **A02**/MF **A01**

CONF-840325-6
Study of Two-Phase Flow in a Direct Coal Liquefaction Preheater.
DE85013464 **22**-*551,824* PC **A03**/MF **A01**

CONF-840637-
Coal Slurry Combustion and Technology: Proceedings.
DE84015343 **04**-*510,434* PC **A99**/MF **A01**

CONF-840637-1
Combustion of Coal-Water and Petroleum Coke-Methanol-Water Mixtures in a Firetube Boiler.
DE85013457 **23**-*554,404* PC **A02**/MF **A01**

CONF-840637-2
Combustion of Coal-Methanol-Water Mixtures in a 700-HP Watertube Boiler.
DE85013454 **23**-*554,402* PC **A02**/MF **A01**

CONF-840637-3
Coal-Water-Methanol Slurries: Viscometric Properties and the Effects of Coal Type.
DE85013456 **23**-*554,403* PC **A02**/MF **A01**

CONF-840637-4
Flow Characteristics and Handling Properties of Commercial Coal-Water Mixtures.
DE85013455 **22**-*551,823* PC **A03**/MF **A01**

CONF-840805-29
Metal Particle Characterization of Zeolite-Based Syngas Conversion Catalysts.
DE85012220 **24**-*557,105* PC **A02**/MF **A01**

CONF-840828-8
Synthesis Gas Conversion in a Mixed Slurry Reactor with Iron-Manganese Catalysts.
DE85012221 **24**-*557,106* PC **A02**/MF **A01**

CONF-841121-18
Catalyst Deactivation in Two-Stage Coal Liquefaction.
DE85012226 **23**-*554,377* PC **A03**/MF **A01**

CONF-841121-19
Modified Sedimentation-Dispersion Model for Solids Behavior in Coal Liquefaction Reactors.
DE85013465 **23**-*554,410* PC **A02**/MF **A01**

CONF-841121-20
Polydispersed Solids Behavior in a Bubble Column.
DE85013463 **23**-*554,409* PC **A03**/MF **A01**

CONF-841121-21
ASPEN Simulation of the SRC-II Process as Conducted in Gulf's P-99 Process Development Unit.
DE85013451 **23**-*554,400* PC **A02**/MF **A01**

CONF-841201-33
Combustion Testing of Coal-Water and Coal-Methanol-Water Mixtures in Oil-Designed Boilers.
DE85014347 **24**-*557,074* PC **A02**/MF **A01**

CONF-850406-11
Study of Unsteady Flow Conditions for Slurry Fuels.
DE85013473 **23**-*554,415* PC **A02**/MF **A01**

CONF-850464-1
Sulfur Reduction Potential of the Coals of the Northern Appalachian Region.
DE85013475 **23**-*554,417* PC **A02**/MF **A01**

CONF-850464-2
Comparison of Emerging Selective Agglomeration Technologies.
DE85014346 **24**-*557,117* PC **A02**/MF **A01**

CONF-850530-3
Combustion Tests of Beneficiated and Micronized Coal-Water Fuels: Use of Internal-Mix Atomizer and Rotary-Cup Burner.
DE85013459 **23**-*554,406* PC **A03**/MF **A01**

CONF-850612-4
Microcomputer Aided Calculations of Parameters for Spray Dryer Operation.
DE85013468 **23**-*554,412* PC **A03**/MF **A01**

CONF-850630-1
Performance of a Spray Dryer/ESP Flue Gas Cleanup System During Testing at the Pittsburgh Energy Technology Center.
DE85013474 **23**-*554,416* PC **A02**/MF **A01**

CONF-8203204-Absts.
Pulverized Coal Combustion: Utilization Advanced Research and Technology Development Contractor's Review Meeting.
DE85008339 **15**-*535,171* PC **A13**/MF **A01**

CONF-8311109-4
Catalyst Testing for Two-Stage Liquefaction.
DE85013466 **22**-*551,825* PC **A03**/MF **A01**

CONF-8405154-9
On-Line Capillary Viscometer for a Continuous Liquefaction Unit.
DE85013467 **23**-*554,411* PC **A03**/MF **A01**

CONF-8405321-1
Coal-Liquids Upgrading with Bimodal Ni-Mo/Al sub 2 O sub 3.
DE85014350 **23**-*554,458* PC **A03**/MF **A01**

CONF-8405346-
Report on Solids Transport Workshop.
DE85016428 **26**-*561,981* PC **A05**/MF **A01**

CONF-8406205-2
Biochemical Oxidation of Solvent Extracted Coal Gasification Process Wastewater.
DE85012222 **23**-*554,374* PC **A02**/MF **A01**

CONF-8407129-1
Washability of Fine Coal.
DE85013477 **23**-*554,419* PC **A03**/MF **A01**

CONF-8407129-2
Selective Coalescence of Ultrafine Coal.
DE85013476 **23**-*554,418* PC **A02**/MF **A01**

CONF-8409248-1
Phenomenology of Vertical Gas Solid Transport.
DE85013453 **23**-*552,698* PC **A02**/MF **A01**

CONF-8410134-2
Stability and Flow Properties of Alternate Fuel Mixtures: A Review.
DE85013458 **23**-*554,405* PC **A04**/MF **A01**

CONF-8410169-2
Thermal Component of Residuum Conversion in Two-Stage Liquefaction.
DE85013452 **23**-*554,401* PC **A03**/MF **A01**

CONF-8410240-2
Combustion Tests of Coal-Liquid Mixtures at the Pittsburgh Energy Technology Center.
DE85013461 **23**-*554,407* PC **A03**/MF **A01**

CONF-8505161-2
DOE Indirect Liquefaction Program.
DE85012223 **23**-*554,375* PC **A02**/MF **A01**

DOE/NBM-5012227
Evaluation of Advanced Separation Techniques for Application to Flue Gas Cleanup Processes for the Simultaneous Removal of Sulfur Dioxide and Nitrogen Oxides.
DE85012227 **23**-*554,378* PC **A06**/MF **A01**

DOE/NBM-5014334
Explorations into Thermodynamic Analogies and Critical Points in Reference to Gas-Solid Transport.
DE85014334 **23**-*554,454* PC **A03**/MF **A01**

DOE/NBM-5014335
Hydrogen Atom Reactions in Coal Liquefaction.
DE85014335 **23**-*554,455* PC **A02**/MF **A01**

DOE/NBM-5014337
Investigation of Fine Grinding and Flotation to Produce Superclean Coal.
DE85014337 **23**-*554,457* PC **A02**/MF **A01**

DOE/PETC/QTR-83/4
Pittsburgh Energy Technology Center Quarterly Technical Progress Report for the Period Ending September 30, 1983.
DE84004604 **22**-*551,808* PC **A06**/MF **A01**

DOE/PETC/QTR-84/3
Quarterly Technical Progress Report for the Period Ending June 30, 1984 (for the Pittsburgh Energy Technology Center).
DE85001441 **04**-*510,488* PC **A07**/MF **A01**

DOE/PETC/QTR-84/4
Quarterly Technical Progress Report, for the Period Ending September 30, 1984 (for the Pittsburgh Energy Technology Center).
DE85006587 **11**-*525,789* PC **A07**/MF **A01**

DOE/PETC/QTR-85/1
Pittsburgh Energy Technology Center Quarterly Technical Progress Report for the Period Ending December 31, 1984.
DE85011941 **19**-*544,389* PC **A07**/MF **A01**

DOE/PETC/QTR-85/2
Pittsburgh Energy Technology Center Quarterly Technical Progress Report for the Period Ending March 31, 1985.
DE85016247 **25**-*559,904* PC **A07**/MF **A01**

DOE/PETC/TR-84/10
Wet Grinding Versus Dry Grinding for Deep Cleaning Ultrafine Coal by Flotation. Technical Progress Report.
DE84017086 **07**-*514,756* PC **A02**/MF **A01**

DOE/PETC/TR-85/1
Effect of Operating Parameters and Reagent Addition on Fine Coal Dewatering in a Screen Bowl Centrifuge.
DE85002885 **08**-*516,350* PC **A02**/MF **A01**

DOE/PETC/TR-85/2
Catalytic Conversion of C sub 3 -C sub 4 Paraffins to Gasoline.
DE85004181 **09**-*520,868* PC **A03**/MF **A01**

DOE/PETC/TR-85/3
Round Robin Investigation of Organic Compounds in Aqueous Leachates of Solid Wastes: Application to H-Coal Filter Cake Leachates.
DE85004009 **08**-*516,418* PC **A03**/MF **A01**

DOE/PETC/TR-85/4
Operation of a Coal Liquefaction PDU with Full Gas and Liquid Recycle Capability: Effect of Superficial Gas Velocity in Reactor.
DE85004576 **09**-*520,876* PC **A05**/MF **A01**

DOE/PETC/TR-85/5
Hydrotreatment of Nondeashed Coal-Derived Residuum: Catalyst Comparison.
DE85008425 **13**-*530,664* PC **A03**/MF **A01**

DOE/PETC/TR-85/6
Analysis of Toxicity of Leachates from Coal Liquefaction Wastewater Treatment Sludge.
DE85009791 **15**-*533,452* PC **A02**/MF **A01**

DOE/PETC/TR-85/7
Evaluation of Advanced Separation Techniques for Application to Flue Gas Cleanup Processes for the Simultaneous Removal of Sulfur Dioxide and Nitrogen Oxides.
DE85013006 **20**-*545,723* PC **A06**/MF **A01**

DOE/PETC/TR-85/8
Thermal Component of Residuum Conversion in Two-Stage Coal Liquefaction.
DE85013005 **22**-*551,820* PC **A04**/MF **A01**

DOE/PETC/TR-85/9
Testing of the 50 MW(T) Coal-Fired MHD Combustor First Stage at the DOE Component Development and Integration Facility.
DE85016826 **25**-*558,347* PC **A04**/MF **A01**

DEPARTMENT OF ENERGY, RICHLAND, WA. RICHLAND OPERATIONS OFFICE.

DOE/RL/C-3
Site-Specific Environmental Evaluation for Borehole Drilling: Regional Hydrology Program, Southeast Mississippi. Boring Site: MH-5.
DE85013827 **21**-*548,906* PC **A04**

DOE/RL/C-4
Site-Specific Environmental Evaluation for Borehole Drilling: Regional Hydrology Program, Southeast Mississippi (Boring Site MH-4).
DE85013828 **21**-*548,907* PC **A04**

DOE/RL/C-5
Site-Specific Environmental Evaluation for Borehole Drilling: Regional Hydrology Program, Southeast Mississippi. Boring Site: MH-6.
DE85013829 **21**-*548,908* PC **A04**

DOE/RL/C-6
Site-Specific Environmental Evaluation for Borehole Drilling: Regional Hydrology Program, Southeast Mississippi. Boring Site: MH-7.
DE85013830 **21**-*548,909* PC **A04**

DOE/RL/C-7
Site-Specific Environmental Evaluation for Borehole Drilling, Oakwood Salt Dome, Freestone and Leon Counties, Texas. Boring Sites: TOG-1, TOH-2, TOH-3, TOH-4, TOH-5.
DE85013831 **23**-*553,924* PC **A04**/MF **A01**

DOE/RL/C-8
Site-Specific Environmental Evaluation for Borehole Drilling: Richton Salt Dome, Perry County, Southeast Mississippi. Boring Sites: MRIG-9, MRIG-10, MRIH-11.
DE85013832 **21**-*548,910* PC **A05**

DOE/RL/C-9
Site-Specific Environmental Evaluation for Borehole Drilling: Regional Hydrology Program, Marion County, Mississippi. Boring Site: MH-8.
DE85013833 **21**-*548,911* PC **A04**

DOE/RL/C-10
Site-Specific Environmental Evaluation for Borehole Drilling: Gibson Dome, San Juan County, Utah. Boring Sites: GD-1 and GD-2.
DE85013834 **23**-*553,925* PC **A03**/MF **A01**

DOE/RL/C-11
Site-Specific Environmental Evaluation for Borehole Drilling: Elk Ridge, San Juan County, Utah. Boring Sites: ER-1 and ER-2.
DE85013835 **23**-*553,926* PC **A03**/MF **A01**

DOE/RL/C-12
Site-Specific Environmental Evaluation for Borehole Drilling: Regional Hydrology, Webster and Bienville Parishes, Louisiana (Boring Sites LH-2, LH-8).
DE85013836 **23**-*553,927* PC **A04**/MF **A01**

DEPARTMENT OF ENERGY, WASHINGTON, DC

CONF-831063-15
Department of Energy Low-Level Waste Technology Development Program.
DE85002455 **08**-*517,516* PC **A02**/MF **A01**

CONF-840605-1
Herbaceous Energy Crops: Planning for a Renewed Commitment.
DE85001274 **04**-*507,977* PC **A02**/MF **A01**

CONF-840806-V.1
18TH DOE Nuclear Airborne Waste Management and Air Cleaning Conference: Proceedings. Volume 1.
DE85012484 **23**-*554,003* PC **A99**/MF **A01**

CONF-840806-V.2
18TH DOE Nuclear Airborne Waste Management and Air Cleaning Conference: Proceedings. Volume 2.
DE85012485 **23**-*554,004* PC **A99**/MF **A01**

CONF-841157-90
Conceptual Model for Deriving the Repository Source Term.
DE85010051 **18**-*541,533* PC **A02**/MF **A01**

CONF-850314-27
Institutional Agreements and Interaction for Research and Disposition of Nuclear Waste from Three Mile Island.
DE85008929 **14**-*532,452* PC **A02**

DE83018024
Rim-Drive Cable-Aligned Heliostat Collector System.
PAT-APPL-6-429 923 **26**-*560,802* PC **A03**/MF **A01**

DE84010961
Separation of Certain Carboxylic Acids Utilizing Cation Exchange Membranes.
PAT-APPL-6-492 925 **02**-*503,595* PC **A02**/MF **A01**

DE84011282
Physico-Chemical Fracturing and Cleaning of Coal.
PAT-APPL-6-538 006 **01**-*502,713* PC **A02**/MF **A01**

DE84011285
Method and System for Producing Lower Alcohols.
PAT-APPL-6-535 463 **01**-*502,712* PC **A02**/MF **A01**

DE85004788
Flue Gas Desulfurization.
PAT-APPL-6-605 951 **21**-*548,563* PC **A02**/MF **A01**

DE85005734
Control System for Fluid Heated Steam Generator.
PAT-APPL-6-614 507 **21**-*548,293* PC **A02**/MF **A01**

DE85005735
Helical Axis Stellarator with Noninterlocking Planar Coils.
PAT-APPL-6-586 619 **21**-*548,835* PC **A02**/MF **A01**

DE85005736
Electrolyte Reservoir for Carbonate Fuel Cells.
PAT-APPL-6-612 951 **21**-*548,083* PC **A02**/MF **A01**

DE85005738
Ethylenediamine Salt of 5-Nitrotetrazole and Preparation.
PAT-APPL-6-611 557 **21**-*548,996* PC **A02**/MF **A01**

DE85005739
Magnetically Operated Beam Dump for Dumping High Power Beams in a Neutral Beamline.
PAT-APPL-6-574 503 **21**-*548,834* PC **A02**/MF **A01**

DE85005740
Electronic Imaging System and Technique.
PAT-APPL-6-619 759 **21**-*548,016* PC **A02**/MF **A01**

DE85005741
Coaxial Test Fixture.
PAT-APPL-6-595 014 **21**-*547,906* PC **A02**/MF **A01**

DE85005742
Apparatus for Sampling and Characterizing Aerosols.
PAT-APPL-6-599 110 **21**-*548,918* PC **A02**/MF **A01**

DE85005743
Polysilane Positive Photoresist Materials and Methods for Their Use.
PAT-APPL-6-597 005 **21**-*548,185* PC **A03**/MF **A01**

DE85005744
Removal of Arsenic Compounds from Petroliferous Liquids.
PAT-APPL-6-597 627 **21**-*548,562* PC **A02**/MF **A01**

DE85005745
Rotary Multiposition Valve.
PAT-APPL-6-597 802 **21**-*548,654* PC **A02**/MF **A01**

DE85005746
Improved Brazing Technique.
PAT-APPL-6-574 504 **21**-*548,625* PC **A02**/MF **A01**

DE85005747
Cyclone Separator Having Boundary Layer Turbulence Control.
PAT-APPL-6-574 782 **21**-*548,561* PC **A02**/MF **A01**

DE85005748
Secondary Battery Containing Zinc Electrode with Modified Separator and Method.
PAT-APPL-6-580 982 **21**-*548,098* PC **A02**/MF **A01**

DE85005749
Apparatus and Method for the Spectrochemical Analysis of Liquids Using the Laser Spark.
PAT-APPL-6-606 037 **21**-*547,774* PC **A02**/MF **A01**

DE85005750
Fuel Cell Having Dual Electrode Anode or Cathode.
PAT-APPL-6-598 611 **21**-*548,082* PC **A02**/MF **A01**

DE85005751
Heat Insulating System for a Fast Reactor Shield Slab.
PAT-APPL-6-598 621 **21**-*548,969* PC **A02**/MF **A01**

DE85005752
Cloning and Expression of the Gene for Bacteriophage T7 RNA Polymerase.
PAT-APPL-6-595 016 **21**-*547,496* PC **A02**/MF **A01**

DE85005753
Diamond-Anvil High-Pressure Cell with Improved X-Ray Collimation System.
PAT-APPL-6-595 013 **21**-*548,700* PC **A02**/MF **A01**

DE85005754
Short Rise Time Intense Electron Beam Generator.
PAT-APPL-6-590 317 **21**-*547,904* PC **A02**/MF **A01**

DE85005755
Fuel Cell Separator with Compressible Sealing Flanges.
PAT-APPL-6-595 012 **21**-*548,081* PC **A02**/MF **A01**

DE85005756
High Temperature Polymer Concrete.
PAT-APPL-6-614 508 **21**-*548,599* PC **A02**/MF **A01**

DE85005757
Container for Radioactive Materials.
PAT-APPL-6-615 210 **21**-*548,895* PC **A02**/MF **A01**

DE85005758
Differential Pressure Pin Discharge Apparatus.
PAT-APPL-6-615 432 **21**-*548,983* PC **A02**/MF **A01**

DE85005759
Method of Distributing Liquefaction Catalysts in Solid Carbonaceous Material.
PAT-APPL-6-612 953 **21**-*549,235* PC **A02**/MF **A01**

DE85005760
Nonsaturable Microdryer.
PAT-APPL-6-612 954 **21**-*548,292* PC **A02**/MF **A01**

DE85005762
Nitriding of Super Alloys for Enhancing Physical Properties.
PAT-APPL-6-624 085 **21**-*548,168* PC **A02**/MF **A01**

DE85005763
Method for Extracting Lanthanides and Actinides from Acid Solutions by Modification of Purex Solvent.
PAT-APPL-6-612 199 **21**-*548,921* PC **A03**/MF **A01**

DE85005764
Hydraulic Mining Method.
PAT-APPL-6-621 294 **21**-*547,866* PC **A02**/MF **A01**

DE85005765
Fiber Optics Interface for a Dye Laser Oscillator and Method.
PAT-APPL-6-620 305 **21**-*549,038* PC **A02**/MF **A01**

DE85005766
Conductor-Polymer Composite Electrode Materials.
PAT-APPL-6-620 306 **21**-*548,130* PC **A02**/MF **A01**

DE85005767
Monochromatic Radio Frequency Accelerating Cavity.
PAT-APPL-6-578 406 **21**-*547,901* PC **A02**/MF **A01**

DE85005773
Bidirectional Amplifier.
PAT-APPL-6-576 500 **21**-*547,900* PC **A02**/MF **A01**

DE85005774
Silicon Carbide Whisker Reinforced Composites and Method for Making Same.
PAT-APPL-6-578 407 **21**-*548,128* PC **A02**/MF **A01**

DE85005775
Aluminum-Stabilized Nb sub 3 Sn Superconductor.
PAT-APPL-6-578 897 **21**-*548,164* PC **A02**/MF **A01**

DE85005777
Hanging Core Support System for a Nuclear Reactor.
PAT-APPL-6-604 200 **21**-*548,970* PC **A02**/MF **A01**

DE85005778
Safe-Haven Locking Device.
PAT-APPL-6-604 351 **21**-*548,666* PC **A02**/MF **A01**

DE85005779
Particle Trap for Compressed Gas Insulated Transmission Systems.
PAT-APPL-6-604 352 **21**-*547,908* PC **A03**/MF **A01**

DE85005811
Method to Improve Superconductor Cable.
PAT-APPL-6-587 437 **21**-*547,902* PC **A03**/MF **A01**

DE85005984
Thermal Well-Test Method.
PAT-APPL-6-583 451 **21**-*548,052* PC **A03**/MF **A01**

DE85005985
Non-Destructive Method for Determining Neutron Exposure and Constituent Concentrations of a Body.
PAT-APPL-6-582 510 **21**-*548,966* PC **A03**/MF **A01**

DE85005986
Superconducting Magnetic Energy Storage for Asynchronous Electrical Systems.
PAT-APPL-6-610 904 **21**-*548,100* PC **A02**/MF **A01**

DE85005987
Solar System Fault Detection.
PAT-APPL-6-609 686 **21**-*548,291* PC **A03**/MF **A01**

DE85005988
Acoustic Cross-Correlation Flowmeter for Solid-Gas Flow.
PAT-APPL-6-609 685 **21**-*549,234* PC **A02**/MF **A01**

DE85005989
Improved Catalysts for Carbon and Coal Gasification.
PAT-APPL-6-614 077 **21**-*549,236* PC **A03**/MF **A01**

DE85005990
Prospecting by Sampling and Analysis of Airborne Particulates and Gases.
PAT-APPL-6-606 036 **15**-*533,723* PC **A02**/MF **A01**

DE85005991
Fuel Cell Separator Plate with Bellows-Type Sealing Flanges.
PAT-APPL-6-614 505 **21**-*548,084* PC **A02**/MF **A01**

DE85005992
Gas Shielding Apparatus.
PAT-APPL-6-617 652 **21**-*548,639* PC **A02**/MF **A01**

DE85005993
Switching Power Supply.
PAT-APPL-6-617 651 **21**-*548,086* PC **A03**/MF **A01**

DE85005994
Method and Apparatus for Measuring the Gas Permeability of a Solid Sample.
PAT-APPL-6-574 508 **21**-*548,694* PC **A02**/MF **A01**

DE85005995
Gap and Stripline Combined Monitor.
PAT-APPL-6-580 981 **21**-*548,695* PC **A02**/MF **A01**

DE85005996
Rod-to-Rod Spacing Illuminating Device.
PAT-APPL-6-589 260 **21**-*548,290* PC **A02**/MF **A01**

DE85005997
Temperature Actuated Automatic Safety Rod Release.
PAT-APPL-6-589 254 **21**-*548,967* PC **A02**/MF **A01**

DE85005999
Stud Hardware with Self-Contained Stud Anti-Rotation Feature and Method of Installing Studs.
PAT-APPL-6-589 279 **21**-*548,607* PC **A02**/MF **A01**

DE85006000
Low Temperature Catalysts and Process for Methanol Production.
PAT-APPL-6-581 935 **21**-*549,231* PC **A02**/MF **A01**

DE85006001
Apparatus for Unilateral Generation of a Homogeneous Magnetic Field.
PAT-APPL-6-605 950 **21**-*547,909* PC **A02**/MF **A01**

DE85006002
Oxygen Analyzer.
PAT-APPL-6-608 282 **21**-*548,704* PC **A02**/MF **A01**

DE85006003
Fuel Cell Electrode and Method of Preparation.
PAT-APPL-6-585 698 **21**-*548,080* PC **A02**/MF **A01**

DE85006004
Excimer Laser Phototherapy for the Dissolution of Vascular Obstruction.
PAT-APPL-6-569 088 **21**-*547,531* PC **A02**/MF **A01**

DE85006005
Resonant-Cavity Antenna for Plasma Heating.
PAT-APPL-6-569 701 **21**-*548,833* PC **A04**/MF **A01**

DE85006007
Three-Point Spherical Mirror Mount.
PAT-APPL-6-573 251 **21**-*549,036* PC **A02**/MF **A01**

DE85006008
Electronic Logic for Enhanced Switch Reliability.
PAT-APPL-6-572 338 **21**-*548,013* PC **A02**/MF **A01**

DE85006009
Improvements in Floating Point Addition/Subtraction Operations.
PAT-APPL-6-583 531 **21**-*547,969* PC **A03**/MF **A01**

DE85006010
Process for the Production of Ethylene and Other Hydrocarbons from Coal.
PAT-APPL-6-580 500 **21**-*547,733* PC **A02**/MF **A01**

DE85006011
Frequency Shift Measurement in Shock-Compressed Materials.
PAT-APPL-6-581 934 **21**-*547,773* PC **A02**/MF **A01**

DE85006012
Liquid Level Detector.
PAT-APPL-6-581 933 **21**-*548,697* PC **A02**/MF **A01**

DE85006013
Low-Pressure Water-Cooled Inductively Coupled Plasma Torch.
PAT-APPL-6-580 983 **21**-*548,696* PC **A02**/MF **A01**

DE85006014
Carrier Transport and Collection in Fully Depleted Semiconductors by a Combined Action of the Space Charge Field and the Field Due to Electrode Voltages.
PAT-APPL-6-583 553 **21**-*548,863* PC **A03**/MF **A01**

DE85006015
Lithium Purification Technique.
PAT-APPL-6-569 698 **21**-*548,163* PC **A02**/MF **A01**

DE85006016
Fissile Solution Measurement Apparatus.
PAT-APPL-6-616 455 **21**-*548,865* PC **A02**/MF **A01**

DE85006017
Palladium-109 Labeled Anti-Melanoma Monoclonal Antibodies.
PAT-APPL-6-605 439 **21**-*547,534* PC **A02**/MF **A01**

DE85006018
Evacuate and Backfill Apparatus and Method.
PAT-APPL-6-625 325 **21**-*548,972* PC **A02**/MF **A01**

DE85006361
High Temperature Structural Insulating Material.
PAT-APPL-6-625 324 **21**-*548,296* PC **A02**/MF **A01**

DE85006362
Production of Intense Negative Hydrogen Beams with Polarized Nuclei by Selective Neutralization of Cold Negative Ions.
PAT-APPL-6-579 747 **21**-*549,123* PC **A02**/MF **A01**

DE85006365
Automatic Coolant Flow Control Device for a Nuclear Reactor Assembly.
PAT-APPL-6-574 509 **21**-*548,965* PC **A02**/MF **A01**

DE85006366
Automatic Image Acquisition Processor and Method.
PAT-APPL-6-571 297 **21**-*547,968* PC **A03**/MF **A01**

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DE85006367
High Resolution In situ Ultrasonic Corrosion Monitor.
PAT-APPL-6-569 700 21-548,693 PC A02/MF A01

DE85006368
Method for Isolating Two Aquifers in a Single Borehole.
PAT-APPL-6-572 346 21-548,051 PC A02/MF A01

DE85006369
Lithium Aluminum/Iron Sulfide Battery Having Lithium Aluminum and Silicon as Negative Electrode.
PAT-APPL-6-572 345 21-548,097 PC A02/MF A01

DE85006370
Remote Controlled Vacuum Joint Closure Mechanism.
PAT-APPL-6-582 507 21-548,606 PC A03/MF A01

DE85006371
New Method for the Selective Labeling of Erythrocytes in Whole Blood with Tc-99M.
PAT-APPL-6-574 486 21-547,532 PC A02/MF A01

DE85006372
Methods for Enhancing Mapping of Thermal Fronts in Oil Recovery.
PAT-APPL-6-595 011 21-547,865 PC A02/MF A01

DE85006373
Electron Beam Accelerator with Magnetic Pulse Compression and Accelerator Switching.
PAT-APPL-6-592 302 21-549,109 PC A02/MF A01

DE85006399
Method of Preparing Thin Porous Sheets of Ceramic Material.
PAT-APPL-6-612 952 21-548,111 PC A02/MF A01

DE85006400
Composite Desiccant Structure.
PAT-APPL-6-617 781 21-548,129 PC A02/MF A01

DE85006401
Method for Making a Low Density Polyethylene Waste Form for Safe Disposal of Low Level Radioactive Material.
PAT-APPL-6-617 660 21-548,922 PC A03/MF A01

DE85006402
Ultrasonic Shear Wave Couplant.
PAT-APPL-6-599 108 21-548,701 PC A02/MF A01

DE85006404
Process for Immobilizing Radioactive Boric Acid Liquid Wastes.
PAT-APPL-6-608 739 21-548,920 PC A02/MF A01

DE85006405
Low Temperature Catalyst System for Methanol Production.
PAT-APPL-6-602 245 21-549,233 PC A02/MF A01

DE85006406
Rigid Zeolite Containing Polyurethane Foams.
PAT-APPL-6-611 772 21-548,186 PC A02/MF A01

DE85006407
Improved Flow Cytometer Measurement of Binding Assays.
PAT-APPL-6-615 486 21-548,705 PC A02/MF A01

DE85006408
Combined Cold Compressor/Ejector Helium Refrigerator.
PAT-APPL-6-617 656 21-548,294 PC A02/MF A01

DE85006409
Reversing-Counterpulse Repetitive-Pulse Inductive Storage Circuit.
PAT-APPL-6-617 653 21-548,015 PC A02/MF A01

DE85006410
Electrostatic Quadrupole Focused Particle Accelerating Assembly with Laminar Flow Beam.
PAT-APPL-6-600 645 21-549,109 PC A02/MF A01

DE85006411
Neutral Particle Beam Intensity Controller.
PAT-APPL-6-617 197 21-548,837 PC A02/MF A01

DE85006412
Method for Preparing High Purity Vanadium.
PAT-APPL-6-610 905 21-548,166 PC A02/MF A01

DE85006413
Fault Finder.
PAT-APPL-6-574 510 21-548,079 PC A03/MF A01

DE85006414
Solvent Wash Solution.
PAT-APPL-6-589 241 21-548,981 PC A03/MF A01

DE85006415
Push-Pull Betatron Pair.
PAT-APPL-6-582 420 21-549,107 PC A03/MF A01

DE85006417
Optical Analog Data Link with Simple Self-Test Feature.
PAT-APPL-6-575 732 21-548,791 PC A02/MF A01

DE85006418
Alarm Sensor Apparatus for Closures.
PAT-APPL-6-575 599 21-548,665 PC A02/MF A01

DE85006420
Process for Functionalizing Alkanes.
PAT-APPL-6-619 886 21-547,820 PC A02/MF A01

DE85006421
Broad-Band Beam Buncher.
PAT-APPL-6-591 651 21-547,905 PC A02/MF A01

DE85006422
Thermal Protection Apparatus.
PAT-APPL-6-591 650 21-548,053 PC A02/MF A01

DE85006423
Preparation of Ethylenediamine Dinitrate.
PAT-APPL-6-611 558 21-548,997 PC A02/MF A01

DE85006424
Spring Loaded Thermocouple Module.
PAT-APPL-6-589 253 21-548,699 PC A02/MF A01

DE85006425
Water Displacement Mercury Pump.
PAT-APPL-6-602 243 21-548,655 PC A03/MF A01

DE85006426
Thermionic Gas Switch.
PAT-APPL-6-596 870 21-548,968 PC A02/MF A01

DE85006427
Pushrod Assembly.
PAT-APPL-6-595 231 21-548,982 PC A02/MF A01

DE85006428
Thermal Sensor with an Improved Coating.
PAT-APPL-6-595 204 21-548,803 PC A02/MF A01

DE85006429
Improved Cell Design for Lithium Alloy/Metal Sulfide Battery.
PAT-APPL-6-595 203 21-548,099 PC A02/MF A01

DE85006430
Indium-111 Labeled Anti-Melanoma Monoclonal Antibodies.
PAT-APPL-6-605 438 21-547,533 PC A03/MF A01

DE85006431
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PAT-APPL-6-604 686 21-549,037 PC A02/MF A01

DE85006432
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PAT-APPL-6-604 668 21-548,627 PC A02/MF A01

DE85006433
Radiofrequency Amplifier Based on a DC Superconducting Quantum Interference Device.
PAT-APPL-6-604 547 21-548,014 PC A02/MF A01

DE85006434
Apparatus Producing Constant Cable Tension for Intermittent Demand.
PAT-APPL-6-612 955 21-548,638 PC A03/MF A01

DE85006435
Field-Effect Transistor Having a Superlattice Channel and High Carrier Velocities at High Applied Fields.
PAT-APPL-6-602 109 21-547,907 PC A03/MF A01

DE85006436
Pressurized Heat Treatment of Glass Ceramic.
PAT-APPL-6-602 035 21-548,110 PC A02/MF A01

DE85006437
Tokamak Plasma Current Disruption Infrared Control System.
PAT-APPL-6-600 664 21-548,836 PC A03/MF A01

DE85006438
Series-Counterpulse Repetitive-Pulse Inductive Storage Circuit.
PAT-APPL-6-617 658 21-548,101 PC A02/MF A01

DE85006439
Sub-Micron Particle Sampler Apparatus and Method for Sampling sub-Micron Particles.
PAT-APPL-6-599 292 21-548,703 PC A03/MF A01

DE85006440
Dual Beam Translator for Use in Laser Doppler Anemometry.
PAT-APPL-6-599 291 21-548,702 PC A02/MF A01

DE85006441
Lead-Iron Phosphate Glass as a Containment Medium for the Disposal of High-Level Nuclear Wastes.
PAT-APPL-6-599 111 21-548,919 PC A03/MF A01

DE85006443
Method for Preparing Hydride Configurations and Reactive Metal Surfaces.
PAT-APPL-6-611 773 21-547,775 PC A02/MF A01

DE85006445
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PAT-APPL-6-606 038 21-549,124 PC A03/MF A01

DE85006446
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PAT-APPL-6-582 509 21-548,117 PC A02/MF A01

DE85006447
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PAT-APPL-6-586 620 21-548,864 PC A02/MF A01

DE85006448
Solvent Treatment of Coal for Improved Liquefaction.
PAT-APPL-6-587 422 21-549,232 PC A02/MF A01

DE85006499
Separation of Uranium from Technetium in Recovery of Spent Nuclear Fuel.
PAT-APPL-6-559 501 21-548,980 PC A02/MF A01

DE85006500
Electrically Conductive Doped Block Copolymer of Polyacetylene and Polyisoprene.
PAT-APPL-6-625 323 21-548,187 PC A02/MF A01

DE85006501
Fast Shutter Apparatus.
PAT-APPL-6-625 322 21-548,640 PC A02/MF A01

DE85006502
Method for Determining Depth and Shape of a sub-Surface Conductive Object.
PAT-APPL-6-625 321 21-547,845 PC A02/MF A01

DE85006503
Multistrand Superconductor Cable.
PAT-APPL-6-587 438 21-547,903 PC A02/MF A01

DE85006504
Fluidizing Device for Solid Particulates.
PAT-APPL-6-625 327 21-548,641 PC A02/MF A01

DE85006505
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PAT-APPL-6-625 326 21-548,706 PC A03/MF A01

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PAT-APPL-6-589 256 21-548,626 PC A02/MF A01

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PAT-APPL-6-589 255 21-548,165 PC A02/MF A01

DE85006508
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PAT-APPL-6-620 287 21-548,295 PC A02/MF A01

DE85006509
Convective Heat Flow Probe.
PAT-APPL-6-569 086 21-548,050 PC A02/MF A01

DE85006510
Cable Tensioned Membrane Solar Collector Module with Variable Tension Control.
PAT-APPL-6-569 085 21-548,049 PC A03/MF A01

DE85006511
Liquid Uranium Alloy-Helium Fission Reactor.
PAT-APPL-6-620 308 21-548,971 PC A02/MF A01

DE85006512
Decontaminating Metal Surfaces.
PAT-APPL-6-573 252 21-548,917 PC A02/MF A01

DE85006513
Non-Carbon Induction Furnace.
PAT-APPL-6-568 770 21-548,289 PC A02/MF A01

DE85006514
Removal of Fluoride Impurities from UF sub 6 Gas.
PAT-APPL-6-568 769 21-548,845 PC A02/MF A01

DE85006515
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PAT-APPL-6-568 768 21-547,499 PC A02/MF A01

DE85006516
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PAT-APPL-6-568 762 21-547,772 PC A02/MF A01

DE85006517
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PAT-APPL-6-617 657 21-548,838 PC A02/MF A01

DE85006518
Electrically Conductive Containment Vessel for Molten Aluminum.
PAT-APPL-6-623 875 21-548,608 PC A02/MF A01

DE85006519
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PAT-APPL-6-623 874 21-548,167 PC A03/MF A01

DE85006520
Wireless Remote Liquid Level Detector and Indicator for Well Testing.
PAT-APPL-6-569 087 21-547,864 PC A02/MF A01

DE85006521
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PAT-APPL-6-474 383 21-547,670 PC E02/MF A01

DE85006522
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PAT-APPL-6-586 611 21-548,698 PC A02/MF A01

DE85011006
Non-Bonded Ultrasonic Transducer.
PAT-APPL-6-628 078 21-548,707 PC A02/MF A01

DE85011584
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PAT-APPL-6-648 396 19-543,195 PC A02/MF A01

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DE85011586
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PAT-APPL-6-649 623 21-548,180 PC A02/MF A01

DE85011587
Method for Recovery of Actinides from Actinide-Bearing Scrap and Waste Nuclear Material Using O sub 2 F sub 2.
PAT-APPL-6-649 626 21-548,923 PC A02/MF A01

DE85011588
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PAT-APPL-6-649 627 19-543,985 PC A02/MF A01

DE85011589
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PAT-APPL-6-649 626 25-558,365 PC A02/MF A01

DE85011590
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PAT-APPL-6-649 772 21-548,985 PC A02/MF A01

DE85011594
Metallic Glass Composition.

PAT-APPL-6-650 464 19-543,231 PC A02/MF A01

DE85011596
Wide-Range Radiation Dose Monitor.
PAT-APPL-6-652 395 19-543,841 PC A02/MF A01

DE85011597
Stable n-CuINSe/sub 2/Iodide-Iodine Photoelectrochemical Cell.
PAT-APPL-6-652 396 19-543,142 PC A02/MF A01

DE85011598
Electrolytic Cell.
PAT-APPL-6-652 690 19-543,694 PC A02/MF A01

DE85011599
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PAT-APPL-6-655 486 24-555,689 PC A02/MF A01

DE85011600
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PAT-APPL-6-655 487 18-541,341 PC A02/MF A01

DE85011601
Dispersion Toughened Ceramic Composites and Method for Making Same.
PAT-APPL-6-655 488 19-543,196 PC A02/MF A01

DE85011602
Polymer Blends for Use in Photoelectrochemical Cells for Conversion of Solar Energy to Electricity.
PAT-APPL-6-655 489 19-543,143 PC A02/MF A01

DE85011603
Counterpulse Railgun Energy Recovery Circuit.
PAT-APPL-6-655 490 24-555,690 PC A02/MF A01

DE85011604
Microchannel Plate Streak Camera.
PAT-APPL-6-655 499 18-541,499 PC A02/MF A01

DE85011605
Solid State Radiative Heat Pump.
PAT-APPL-6-655 500 19-543,347 PC A03/MF A01

DE85011607
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PAT-APPL-6-655 593 24-555,691 PC A02/MF A01

DE85011608
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PAT-APPL-6-655 598 19-544,400 PC A02/MF A01

DE85011609
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PAT-APPL-6-659 490 19-542,989 PC A03/MF A01

DE85011610
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PAT-APPL-6-659 586 19-543,156 PC A02/MF A01

DE85011611
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PAT-APPL-6-659 587 18-541,734 PC A02/MF A01

DE85011612
Stabilizing Coal-Water Mixtures with Portland Cement.
PAT-APPL-6-661 841 19-544,401 PC A02/MF A01

DE85011613
Portland Cement for SO sub 2 Control in Coal-Fired Power Plants.
PAT-APPL-6-661 842 19-544,402 PC A02/MF A01

DE85011614
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PAT-APPL-6-661 843 19-543,695 PC A02/MF A01

DE85011615
Molten Carbonate Fuel Cell Separator.
PAT-APPL-6-661 850 19-543,144 PC A02/MF A01

DE85011616
Integrated Current Collector and Catalyst Support.
PAT-APPL-6-661 851 21-548,087 PC A02/MF A01

DE85011617
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PAT-APPL-6-661 852 21-548,846 PC A02/MF A01

DE85011618
Transparent Electrode for Optical Switch.
PAT-APPL-6-662 641 21-549,060 PC A02/MF A01

DE85011619
Electro-Optic Harmonic Conversion to Switch a Laser Beam Out of a Cavity.
PAT-APPL-6-662 642 21-549,061 PC A03/MF A01

DE85011620
Limiter.
PAT-APPL-6-662 645 23-553,817 PC A02/MF A01

DE85011621
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PAT-APPL-6-662 655 19-543,814 PC A02/MF A01

DE85011622
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PAT-APPL-6-662 656 19-543,842 PC A02/MF A01

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PAT-APPL-6-662 657 24-555,258 PC A02/MF A01

DE85011624
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PAT-APPL-6-662 658 19-544,337 PC A02/MF A01

DE85011625
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PAT-APPL-6-665 214 19-542,780 PC A02/MF A01

DE85011626
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PAT-APPL-6-666 585 19-543,815 PC A02/MF A01

DE85011627
UF Sub 6 -Recovery Process Utilizing Desublimation.
PAT-APPL-6-654 113 19-543,824 PC A02/MF A01

DE85011628
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PAT-APPL-6-591 646 19-543,812 PC A02/MF A01

DE85011629
Method and Apparatus for Measuring Areas of Photoelectric Cells and Photoelectric Cell Performance Parameters.
PAT-APPL-6-614 506 21-548,085 PC A02/MF A01

DE85011631
Fluidized Bed Gasification of Extracted Coal.
PAT-APPL-6-628 079 18-542,005 PC A02/MF A01

DE85011632
Vacuum Ultraviolet Laser.
PAT-APPL-6-628 700 19-544,025 PC A02/MF A01

DE85011633
Woven Heat Exchanger.
PAT-APPL-6-631 265 19-543,346 PC A02/MF A01

DE85011634
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PAT-APPL-6-631 693 19-544,026 PC A02/MF A01

DE85011635
Portable Cutting Apparatus.
PAT-APPL-6-631 697 19-543,622 PC A02/MF A01

DE85011636
Radiation-Hardened Polymeric Films.
PAT-APPL-6-632 347 21-548,188 PC A02/MF A01

DE85011637
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PAT-APPL-6-632 742 18-540,811 PC A02/MF A01

DE85011638
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PAT-APPL-6-632 743 21-548,973 PC A03/MF A01

DE85011639
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PAT-APPL-6-635 019 21-549,237 PC A02/MF A01

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PAT-APPL-6-635 020 19-543,244 PC A02/MF A01

DE85011641
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PAT-APPL-6-635 022 21-548,974 PC A02/MF A01

DE85011642
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PAT-APPL-6-636 511 19-543,164 PC A03/MF A01

DE85011643
Capacitance Measuring Device.
PAT-APPL-6-636 631 19-543,690 PC A02/MF A01

DE85011645
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PAT-APPL-6-636 655 19-543,839 PC A03/MF A01

DE85011646
Method for Fluorination of Actinide Fluorides and Oxyfluorides Using O sub 2 F sub 2.
PAT-APPL-6-636 656 21-547,776 PC A02/MF A01

DE85011647
Precision Linear Ramp Function Generator.
PAT-APPL-6-636 657 19-542,987 PC A02/MF A01

DE85011648
Method for Removing Oxide Contamination from Silicon Carbide Powders.
PAT-APPL-6-636 658 21-547,777 PC A02/MF A01

DE85011649
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PAT-APPL-6-636 659 21-548,169 PC A02/MF A01

DE85011650
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PAT-APPL-6-636 751 19-543,141 PC A02/MF A01

DE85011651
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PAT-APPL-6-637 627 19-543,691 PC A02/MF A01

DE85011652
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PAT-APPL-6-637 628 24-555,475 PC A02/MF A01

DE85011653
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PAT-APPL-6-637 629 24-555,787 PC A02/MF A01

DE85011654
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PAT-APPL-6-639 287 19-542,890 PC A02/MF A01

DE85011655
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PAT-APPL-6-640 286 19-543,607 PC A02/MF A01

DE85011656
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PAT-APPL-6-641 222 19-543,692 PC A02/MF A01

DE85011657
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PAT-APPL-6-641 223 21-548,708 PC A02/MF A01

DE85011658
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PAT-APPL-6-641 225 19-544,130 PC A03/MF A01

DE85011659
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PAT-APPL-6-641 522 19-543,840 PC A03/MF A01

DE85011660
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PAT-APPL-6-641 547 21-548,984 PC A02/MF A01

DE85011661
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PAT-APPL-6-643 209 18-540,858 PC A02/MF A01

DE85011662
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PAT-APPL-6-643 348 19-542,926 PC A02/MF A01

DE85011663
Electrochemical Methane Sensor.
PAT-APPL-6-644 467 19-543,693 PC A03/MF A01

DE85011664
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PAT-APPL-6-645 650 19-542,517 PC A03/MF A01

DE85011665
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PAT-APPL-6-645 651 19-543,165 PC A02/MF A01

DE85011666
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PAT-APPL-6-645 652 19-543,895 PC A03/MF A01

DE85011668
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PAT-APPL-6-645 653 18-541,733 PC A02/MF A01

DE85011669
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PAT-APPL-6-645 654 21-548,883 PC A02/MF A01

DE85011670
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PAT-APPL-6-645 725 19-543,813 PC A03/MF A01

DE85011671
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PAT-APPL-6-645 956 21-549,247 PC A02/MF A01

DE85011672
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PAT-APPL-6-648 197 24-556,435 PC A02/MF A01

DE85011673
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PAT-APPL-6-648 211 18-541,340 PC A02/MF A01

DE85011674
Measurement of Radionuclides in Waste Packages.
PAT-APPL-6-649 625 19-543,896 PC A02/MF A01

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Precision Digital Sampler.
PATENT-4 443 766 01-*501,383* Not available NTIS

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PATENT-4 442 453 01-*502,019* Not available NTIS

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PAT-APPL-6-620 211 01-*501,983* PC **A03**/MF **A01**

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PATENT-4 476 161 03-*507,354* Not available NTIS

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PATENT-4 465 068 03-*505,741* Not available NTIS

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PATENT-4 472 726 03-*506,074* Not available NTIS

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PATENT-4 471 623 03-*507,854* Not available NTIS

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Dual Mode Directionally Coupled Band Reject Filter Apparatus.
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PATENT-4 477 024 03-*507,861* Not available NTIS

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PATENT-4 464 972 03-*506,869* Not available NTIS

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PAT-APPL-6-645 389 03-*506,363* PC **A02**/MF **A01**

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PAT-APPL-6-640 624 03-*506,125* PC **A03**/MF **A01**

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PAT-APPL-6-640 902 03-*506,919* PC **A03**/MF **A01**

AD-D011 373/8
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PATENT-4 472 807 03-*507,331* Not available NTIS

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PATENT-4 465 250 03-*505,759* Not available NTIS

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PATENT-4 471 683 03-*507,246* Not available NTIS

AD-D011 379/5
Unstable Optical Resonator with Cancelling Edge Waves.
PATENT-4 477 909 03-*507,355* Not available NTIS

AD-D011 380/3
Biodynamic Resistant Control Stick.
PATENT-4 477 043 03-*505,305* Not available NTIS

AD-D011 381/1
Rain Rate Meter.
PATENT-4 476 718 03-*505,419* Not available NTIS

AD-D011 382/9
Programmable Synchronous Digital Delay Line.
PATENT-4 468 624 03-*506,073* Not available NTIS

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AD-D011 383/7
Mirror Actuator Control System.
PATENT-4 467 186 03-*506,913* Not available NTIS

AD-D011 384/5
Battery Control and Fault Detection Method.
PAT-APPL-6-629 865 04-*509,344* PC **A02**/MF **A01**

AD-D011 385/2
Slow Wave Circuit with Shaped Dielectric Substrate.
PATENT-4 465 988 04-*509,188* Not available NTIS

AD-D011 386/0
Gas Contamination Detection Device.
PATENT-4 472 356 04-*509,864* Not available NTIS

AD-D011 387/8
Aircraft Thrust Control Scheme for Terrain Following System.
PATENT-4 467 429 04-*507,941* Not available NTIS

AD-D011 388/6
Wet Film Applicator.
PATENT-4 476 806 04-*509,792* Not available NTIS

AD-D011 389/4
Reduction of Signal Modulation Caused by Polarization in Visible Optical Scanning Systems.
PATENT-4 477 152 04-*509,955* Not available NTIS

AD-D011 390/2
Diffusion Barrier for Long Wavelength Laser Diodes.
PATENT-4 479 222 04-*510,218* Not available NTIS

AD-D011 391/0
Flexible Line Support Assembly.
PATENT-4 465 253 04-*509,739* Not available NTIS

AD-D011 392/8
EMI (Electromagnetic Interference) Filter Capacitor Unit.
PATENT-4 464 702 04-*509,187* Not available NTIS

AD-D011 393/6
Pseudo-P-1,2,2,9,9,10,10-Octo-Fluoro(2,2)-P-Cyclophane Bis-Acid Chloride.
PATENT-4 476 062 04-*508,722* Not available NTIS

AD-D011 394/4
Detonation Transfer Evaluation Technique.
PATENT-4 476 710 04-*510,156* Not available NTIS

AD-D011 395/1
Mounting Construction for Turbine Vane Assembly.
PATENT-4 477 222 04-*510,539* Not available NTIS

AD-D011 396/9
Delta Wing Nozzle Assembly for Chemical Lasers.
PATENT-4 466 100 04-*510,216* Not available NTIS

AD-D011 397/7
Method for Introducing Fluorine into an Aromatic Ring.
PATENT-4 476 337 04-*508,723* Not available NTIS

AD-D011 398/5
Halogen Mass Flow Rate Detection System.
PATENT-4 467 474 04-*510,217* Not available NTIS

AD-D011 399/3
Buried Junction Enhanced Schottky Barrier Device.
PAT-APPL-6-643 139 04-*509,943* PC **A02**/MF **A01**

AD-D011 400/9
Electromechanical Switch.
PAT-APPL-6-647 781 04-*509,067* PC **A02**/MF **A01**

AD-D011 401/7
Low Noise Multiple Crystal-Controlled Oscillator.
PAT-APPL-6-645 468 04-*509,186* PC **A02**/MF **A01**

AD-D011 402/5
Dual Mode Radio Frequency-Infrared Frequency System.
PATENT-4 477 814 04-*509,953* Not available NTIS

AD-D011 403/3
Method for Making Alloy Additions to Base Metals Having Higher Melting Points.
PAT-APPL-6-640 916 04-*509,437* PC **A02**/MF **A01**

AD-D011 404/1
Random Pattern Tracking Acceleration Tolerance Tester.
PAT-APPL-6-645 390 04-*508,668* PC **A03**/MF **A01**

AD-D011 423/1
Integrated Defense Communications System Antijamming Antenna System.
PAT-APPL-6-654 338 05-*512,177* PC **A02**/MF **A01**

AD-D011 424/9
Adaptive Fast Fourier Transform Weighting Technique to Increase Small Target Sensitivity.
PAT-APPL-6-656 844 05-*512,197* PC **A03**/MF **A01**

AD-D011 425/6
Gain Restoration after Doppler Filtering.
PAT-APPL-6-656 845 05-*512,198* PC **A02**/MF **A01**

AD-D011 426/4
Technique for Rapid Determination of Probability of Detection in Pulse Doppler Radars.
PAT-APPL-6-657 099 05-*512,199* PC **A02**/MF **A01**

AD-D011 427/2
Miniature High Performance Pulsed Modulator Apparatus.
PAT-APPL-6-643 201 05-*511,552* PC **A02**/MF **A01**

AD-D011 428/0
Data Acquisition Channel Apparatus.
PAT-APPL-6-627 691 05-*511,551* PC **A02**/MF **A01**

AD-D011 429/8
Multiple Rate Shock Isolator Damping Valve.
PAT-APPL-6-651 961 05-*511,958* PC **A02**/MF **A01**

AD-D011 430/6
Heater Block Assembly for Use in Thermal Oxidation Testing of Jet Fuel.
PAT-APPL-6-651 983 05-*512,070* PC **A02**/MF **A01**

AD-D011 431/4
Programmable Realtime Interface between a Block Floating Point Processor and Memory.
PAT-APPL-6-653 641 05-*511,503* PC **A02**/MF **A01**

AD-D011 432/2
Flow Measurement Device.
PAT-APPL-6-661 834 05-*512,632* PC **A02**/MF **A01**

AD-D011 433/0
Inert Atmosphere Transfer Vessel.
PAT-APPL-6-657 100 05-*511,946* PC **A02**/MF **A01**

AD-D011 434/8
High Efficiency Electron Beam Gun Foil Support.
PAT-APPL-6-661 549 05-*511,461* PC **A03**/MF **A01**

AD-D011 441/3
Improved Magnetic Bias and Delay Linearity in a Magnetostatic Wave Delay Line.
PAT-APPL-6-664 193 07-*514,795* PC **A03**/MF **A01**

AD-D011 442/1
Transdigitizer for Relaying Signals from Global Positioning System (GPS) Satellites.
PAT-APPL-6-666 784 07-*515,305* PC **A02**/MF **A01**

AD-D011 443/9
Variable Density Frangible Projectile.
PAT-APPL-6-666 785 07-*515,501* PC **A02**/MF **A01**

AD-D011 444/7
Vibration Isolated Cold Plate Assembly.
PAT-APPL-6-666 786 07-*515,168* PC **A02**/MF **A01**

AD-D011 445/4
Diffraction Diffusion Screen with Holographically-Suppressed Zero-Order Beam.
PAT-APPL-6-667 194 07-*515,551* PC **A02**/MF **A01**

AD-D011 446/2
Method for Making Heterocyclic Block Copolymers.
PAT-APPL-6-610 912 07-*514,685* PC **A02**/MF **A01**

AD-D011 447/0
Bistatic Coherent Radar Receiving System.
PAT-APPL-6-666 841 07-*515,308* PC **A03**/MF **A01**

AD-D011 448/8
Tropospheric Scatter Communication System Having Angle Diversity.
PAT-APPL-6-569 644 08-*517,375* PC **A02**/MF **A01**

AD-D011 449/6
Low Voltage Two Wire to Four Wire Telephone Circuit Converter Apparatus.
PAT-APPL-6-473 384 08-*517,374* PC **A02**/MF **A01**

AD-D011 450/4
Mask Aligner for Solar Cell Fabrication.
PAT-APPL-6-610 911 08-*517,210* PC **A02**/MF **A01**

AD-D011 451/2
Contact Insertion and Wire Lay Robotic End Effector Apparatus.
PAT-APPL-6-610 913 08-*517,211* PC **A02**/MF **A01**

AD-D011 452/0
One-Piece HPTR (High Pressure Turbine Rotor) Blade Squealer Tip.
PAT-APPL-6-616 380 08-*518,294* PC **A02**/MF **A01**

AD-D011 462/9
Optical Mark Reader.
PAT-APPL-6-662 476 08-*516,644* PC **A03**/MF **A01**

AD-D011 473/6
Noise Jammer Discrimination by Noise Modulation Bandwidth.
PAT-APPL-6-618 287 08-*517,383* PC **A02**/MF **A01**

AD-D011 475/1
Method for Synthesizing Indium Phosphide.
PAT-APPL-6-661 623 08-*517,738* PC **A02**/MF **A01**

AD-D011 476/9
Fine Figuring Actuator.
PAT-APPL-6-661 833 08-*517,800* PC **A02**/MF **A01**

AD-D011 477/7
Mechanical Locking between Multi-Layer Printed Wiring Board Conductors and Through-Hole Plating.
PAT-APPL-6-657 097 08-*516,704* PC **A02**/MF **A01**

AD-D011 480/1
High Voltage Disconnect Protection.
PAT-APPL-6-672 239 08-*516,582* PC **A02**/MF **A01**

AD-D011 481/9
Method for Continuously Casting.
PAT-APPL-6-672 237 08-*517,202* PC **A02**/MF **A01**

AD-D011 484/3
Charge Depletion Meter.
PAT-APPL-6-675 174 08-*516,836* PC **A02**/MF **A01**

AD-D011 485/0
Double Pinch-Push Contact Insertion End-Effector.
PAT-APPL-6-675 173 08-*517,214* PC **A02**/MF **A01**

AD-D011 489/2
Conformal Phased Array Antenna Pattern Corrector.
PAT-APPL-6-671 393 08-*517,403* PC **A02**/MF **A01**

AD-D011 490/0
Missile Launcher Integral Shock Isolation and Running Gear System.
PAT-APPL-6-671 391 08-*517,363* PC **A02**/MF **A01**

AD-D011 491/8
Extracting Digital Data from a Bus and Multiplexing It with a Video Signal.
PAT-APPL-6-666 511 08-*517,328* PC **A04**/MF **A01**

AD-D011 492/6
Tally Cell Circuit.
PAT-APPL-6-643 203 08-*516,703* PC **A02**/MF **A01**

AD-D011 493/4
High Voltage RF Coaxial Cable.
PAT-APPL-6-659 920 08-*516,581* PC **A02**/MF **A01**

AD-D011 494/2
Automated Parts Storage and Retrieval System Positioning Device and Method.
PAT-APPL-6-649 445 08-*517,156* PC **A02**/MF **A01**

AD-D011 495/9
Double Pinhole Spatial Phase Correlator Apparatus.
PAT-APPL-6-679 333 08-*517,801* PC **A02**/MF **A01**

AD-D011 498/3
High Pressure Turbine Rotor Two-Piece Blade Retainer.
PATENT-4 480 958 10-*522,362* Not available NTIS

AD-D011 499/1
Pulse Transformer Package for Impedance Matching a Laser Diode to a Transmission Line.
PATENT-4 485 361 11-*525,372* Not available NTIS

AD-D011 500/6
Method for the Fabrication of Dielectric Isolated Junction Field Effect Transistor and PNP Transistor.
PATENT-4 481 707 10-*521,921* Not available NTIS

AD-D011 501/4
Propellant Plasticizer.
PATENT-4 482 406 11-*525,813* Not available NTIS

AD-D011 502/2
Plasticizer System for Propellant Compositions.
PATENT-4 482 408 11-*525,815* Not available NTIS

AD-D011 503/0
Deployable Folded Antenna Apparatus.
PATENT-4 482 900 10-*522,010* Not available NTIS

AD-D011 505/5
Power Circuit Utilizing Self-Excited Hall Effect Switch Means.
PATENT-4 485 314 10-*522,011* Not available NTIS

AD-D011 506/3
Axial Flow Laser Cavity.
PATENT-4 483 006 11-*525,370* Not available NTIS

AD-D011 507/1
Integrated Paratroop Door.
PATENT-4 482 113 10-*520,969* Not available NTIS

AD-D011 508/9
Plasticizer System for Propellant Compositions.
PATENT-4 482 410 11-*525,817* Not available NTIS

AD-D011 509/7
Osteoclast for Whole Bone Testing.
PATENT-4 483 198 10-*521,591* Not available NTIS

AD-D011 510/5
Translating Rudder Pedal System.
PATENT-4 484 722 10-*520,970* Not available NTIS

AD-D011 511/3
Azido Nitramino Ether Containing Solid Propellants.
PATENT-4 482 404 11-*525,812* Not available NTIS

AD-D011 512/1
Windblast Arm Protector Assembly.
PATENT-4 482 112 10-*520,955* Not available NTIS

AD-D011 513/9
Laser Clock.
PATENT-4 482 259 11-*524,816* Not available NTIS

AD-D011 514/7
Plasticizer System for Propellant Compositions.
PATENT-4 482 409 11-*525,816* Not available NTIS

AD-D011 515/4
Variable Data Base Generator Apparatus.
PATENT-4 484 297 10-*521,970* Not available NTIS

AD-D011 516/2
Plasticizer System for Propellant Compositions.
PATENT-4 482 411 11-*525,818* Not available NTIS

AD-D011 517/0
Plasticizer System for Propellant Compositions.
PATENT-4 482 407 11-*525,814* Not available NTIS

AD-D011 518/8
Method for Refining Microstructures of Cast Titanium Articles.
PATENT-4 482 398 10-*522,136* Not available NTIS

AD-D011 519/6
Multiple Double Heterojunction Buried Laser Device.
PATENT-4 484 332 11-*525,371* Not available NTIS

AD-D011 524/6
Imaging Apparatus for Transverse Electrode Electro-Optic Tunable Filter.
PATENT-4 494 827 11-*525,383* Not available NTIS

AD-D011 525/3
Cooled Turbine Blade Tip Closure.
PATENT-4 487 550 10-*523,192* Not available NTIS

AD-D011 530/3
Radar Calibration Using Direct Measurement Equipment and Oblique Photometry.
PATENT-4 489 322 11-*524,928* Not available NTIS

AD-D011 531/1
Retinal Information Mapping System.
PATENT-4 494 838 10-*521,592* Not available NTIS

AD-D011 532/9
Method for the Preparation of Epitaxial Films of Mercury Cadmium Telluride.
PATENT-4 487 640 **10**-*522,930* Not available NTIS

AD-D011 533/7
Multiple Loop Sidelobe Canceller.
PATENT-4 495 502 **11**-*524,917* Not available NTIS

AD-D011 534/5
Printed Circuit Balun with a Dipole Antenna.
PATENT-4 495 505 **10**-*522,014* Not available NTIS

AD-D011 537/8
SAW Oscillator with Digital Compensation for the Temperature Related Frequency Changes.
PATENT-4 489 289 **10**-*522,012* Not available NTIS

AD-D011 538/6
Releasable Cable Connector Assembly for Use between a Mobile and Stationary Object.
PATENT-4 490 002 **10**-*522,364* Not available NTIS

AD-D011 544/4
Pneumatic Clamping Device.
PATENT-4 488 713 **10**-*522,363* Not available NTIS

AD-D011 545/1
RF-Primed High Power Halogen Vial Apparatus.
PATENT-4 496 917 **11**-*524,879* Not available NTIS

AD-D011 546/9
Method of Multivariant Intraclass Pattern Recognition.
PATENT-4 487 476 **10**-*521,971* Not available NTIS

AD-D011 549/3
Flameholder with Integrated Air Mixer.
PATENT-4 490 973 **11**-*525,801* Not available NTIS

AD-D011 550/1
Transmissive Dewar Cooling Chamber for Optically Pumped Semiconductor Ring Lasers.
PATENT-4 495 782 **10**-*522,970* Not available NTIS

AD-D011 553/5
Integrated Insulation Wall Assembly.
PATENT-4 495 764 **11**-*525,808* Not available NTIS

AD-D011 554/3
Eddy Current Test Probe with Circumferential Segments and Method of Testing Material Surrounding Fastener Holes.
PATENT-4 495 466 **10**-*522,505* Not available NTIS

AD-D011 555/0
Optically Pumped Iodine Monofluoride Laser.
PATENT-4 488 311 **11**-*525,373* Not available NTIS

AD-D011 556/8
Method and Apparatus for Detecting Acoustic Emissions from Metal Matrix Wire.
PATENT-4 487 068 **10**-*522,503* Not available NTIS

AD-D011 557/6
Process for the Epitaxial Deposition of III-V Compounds Utilizing a Continuous In-Situ Hydrogen Chloride Etch.
PATENT-4 488 914 **11**-*523,937* Not available NTIS

AD-D011 558/4
Low Sidelobe Phased Array Antenna System.
PATENT-4 489 324 **11**-*524,929* Not available NTIS

AD-D011 561/8
Method and Means for Providing Frequency Agile Operation of MTI (Moving Target Indicator) Radar.
PATENT-4 495 501 **11**-*524,930* Not available NTIS

AD-D011 562/6
Wide Angle Phased Array Dome Lens Antenna with a Reflection/Transmission Switch.
PATENT-4 491 845 **10**-*522,013* Not available NTIS

AD-D011 563/4
Detection of Angular Modulated Electromagnetic Signals.
PATENT-4 490 829 **11**-*524,878* Not available NTIS

AD-D011 569/1
Cargo Handling System.
PAT-APPL-6-659 484 **11**-*524,735* PC **A02**/MF **A01**

AD-D011 570/9
Active Dispersion Control for a Doppler Broadened Laser.
PAT-APPL-3-680 432 **11**-*525,369* PC **A02**/MF **A01**

AD-D011 571/7
Autonomous Uninterruptable Power Supply Apparatus.
PAT-APPL-6-684 240 **11**-*524,391* PC **A02**/MF **A01**

AD-D011 572/5
Secure Digital Speech Communication.
PAT-APPL-6-624 567 **11**-*524,877* PC **A05**/MF **A01**

AD-D011 574/1
Vibration Isolator Actuator.
PAT-APPL-6-690 438 **11**-*524,736* PC **A02**/MF **A01**

AD-D011 579/0
Electron-Bombarded Silicon Spatial Light Modulator.
PAT-APPL-6-689 681 **12**-*527,960* PC **A02**/MF **A01**

AD-D011 580/8
Interactive Communication Channel.
PAT-APPL-6-686 954 **12**-*527,656* PC **A04**/MF **A01**

AD-D011 581/6
Charge Isolation in a Spatial Light Modulator.
PAT-APPL-6-689 699 **12**-*527,961* PC **A02**/MF **A01**

AD-D011 583/2
Frequency Selective Signals-to-Noise Enhancer/Limiter Apparatus.
PAT-APPL-6-675 171 **12**-*526,974* PC **A02**/MF **A01**

AD-D011 584/0
Wavelength Dependent, Tunable, Optical Time Delay System for Electrical Signals.
PAT-APPL-6-698 979 **12**-*526,975* PC **A02**/MF **A01**

AD-D011 585/7
Method and Apparatus for High Speed, Sustained Recording of Infrared Laser Beam Patterns.
PAT-APPL-6-643 138 **12**-*527,944* PC **A02**/MF **A01**

AD-D011 586/5
Optimizing Hot Workability and Controlling Microstructures in Difficult to Process High Strength and High Temperature Materials.
PAT-APPL-6-698 728 **12**-*527,132* PC **A04**/MF **A01**

AD-D011 587/3
Sabot/Gun Gas Diverter.
PAT-APPL-6-689 736 **12**-*527,892* PC **A02**/MF **A01**

AD-D011 589/9
Apparatus for Retrieving, Placing, and Stocking Trays from an Automatic Storage and Retrieval Carousel.
PAT-APPL-6-649 454 **12**-*527,423* PC **A02**/MF **A01**

AD-D011 590/7
Method and Apparatus for Generating a Structured Light Beam Array.
PAT-APPL-6-520 356 **12**-*527,958* PC **A02**/MF **A01**

AD-D011 593/1
Corrosion Inhibitor Formulation for Molybdenum, Tungsten and Other Metals.
PAT-APPL-6-675 115 **13**-*529,498* PC **A02**/MF **A01**

AD-D011 594/9
Length Dependent, Optical Time Delay/Filter Device for Electrical Signals.
PAT-APPL-6-698 977 **13**-*529,256* PC **A03**/MF **A01**

AD-D011 595/6
ADCCP (Advanced Data Communication Control Procedure) Communication Processor.
PAT-APPL-6-698 725 **13**-*529,934* PC **A02**/MF **A01**

AD-D011 596/4
Mode Dependent, Optical Time Delay System for Electrical Signals.
PAT-APPL-6-698 721 **13**-*529,255* PC **A02**/MF **A01**

AD-D011 597/2
Technique to Reduce Scattered Light in Optical Systems.
PAT-APPL-6-690 541 **13**-*530,349* PC **A02**/MF **A01**

AD-D011 598/0
Pipelined Programmable Charge Domain Device.
PAT-APPL-6-679 332 **13**-*529,122* PC **A02**/MF **A01**

AD-D011 599/8
Parallel Programmable Charge Domain Device.
PAT-APPL-6-679 327 **13**-*529,121* PC **A02**/MF **A01**

AD-D011 634/3
Stabilizing Force Feedback in Bio-Actuated Control Systems.
PAT-APPL-6-698 963 **14**-*531,122* PC **A03**/MF **A01**

AD-D011 635/0
Multiconductor Flat Cable.
PATENT-4 501 929 **15**-*533,787* Not available NTIS

AD-D011 636/8
Night Vision Compatible Illumination for Vehicle Crewmember Workspace.
PAT-APPL-6-688 944 **15**-*534,155* PC **A02**/MF **A01**

AD-D011 637/6
Synthesis of Geminal Dinitro Compounds.
PAT-APPL-6-696 680 **15**-*533,473* PC **A02**/MF **A01**

AD-D011 638/4
Printed Wiring Board Circuit Isolator Tool.
PAT-APPL-6-698 726 **15**-*534,267* PC **A02**/MF **A01**

AD-D011 639/2
Generation and Display Apparatus.
PAT-APPL-6-696 679 **15**-*533,838* PC **A02**/MF **A01**

AD-D011 640/0
Segmented Zoned Fuel Injection System for Use with a Combustor.
PATENT-4 499 735 **15**-*535,251* Not available NTIS

AD-D011 641/8
Spacer Structure.
PATENT-4 500 255 **15**-*535,252* Not available NTIS

AD-D011 642/6
Optical System for Measuring Shadowgraph Data.
PATENT-4 500 206 **15**-*534,515* Not available NTIS

AD-D011 643/4
Titanium Metal-Matrix Composites.
PATENT-4 499 156 **15**-*534,008* Not available NTIS

AD-D011 644/2
Heat Resistant Sheathed Insulated Electrical Conductors.
PATENT-4 499 334 **15**-*533,785* Not available NTIS

AD-D011 645/9
Range-Only Multistatic Radar System.
PATENT-4 499 468 **15**-*534,520* Not available NTIS

AD-D011 646/7
Spatial Light Modulator Having a Capacitively Coupled Photoconductor.
PAT-APPL-6-708 926 **15**-*534,802* PC **A02**/MF **A01**

AD-D011 647/5
Survivable Ground Base Sensor.
PAT-APPL-6-705 827 **15**-*534,519* PC **A04**/MF **A01**

AD-D011 648/3
Snow Scale/Rate Meter.
PATENT-4 499 761 **15**-*533,010* Not available NTIS

AD-D011 649/1
Polyaromatic Ether-Sulfone-Keytones with Fluoro-Substituted-P-Cyclophane Units as Cross-Linking Sites.
PATENT-4 499 258 **15**-*533,478* Not available NTIS

AD-D011 650/9
Jinc-Trap Resonator.
PATENT-4 498 184 **15**-*534,777* Not available NTIS

AD-D011 651/7
System of White-Light Density Pseudocolor Encoding with Three Primary Colors.
PAT-APPL-6-704 109 **15**-*534,801* PC **A02**/MF **A01**

AD-D011 652/5
Cut Angles for Quartz Crystal Resonators.
PATENT-4 499 395 **15**-*533,786* Not available NTIS

AD-D011 653/3
Apparatus for Etching Vertical Junction Solar Cell Wafers.
PATENT-4 501 636 **15**-*533,876* Not available NTIS

AD-D011 654/1
Heat Pipe and Method of making same.
PAT-APPL-6-698 957 **15**-*534,743* PC **A02**/MF **A01**

AD-D011 655/8
Telescoping Low Vibration Pulling Mechanism for Czochralski Crystal Growth.
PAT-APPL-6-705 816 **15**-*534,744* PC **A02**/MF **A01**

AD-D011 656/6
Measurement of Permittivity and Permeability of Microwave Materials.
PATENT-4 507 602 **16**-*536,397* Not available NTIS

AD-D011 657/4
Self-Detecting Optical Sensors.
PATENT-4 505 582 **16**-*535,974* Not available NTIS

AD-D011 658/2
Heat Management System for Aircraft.
PATENT-4 505 124 **16**-*535,314* Not available NTIS

AD-D011 662/4
Strutless Diffuser for Gas Turbine Engine.
PATENT-4 503 668 **16**-*536,986* Not available NTIS

AD-D011 663/2
Process for the Epitaxial Deposition of III-V Compounds Utilizing a Binary Alloy as the Metallic Source.
PATENT-4 504 329 **16**-*536,730* Not available NTIS

AD-D011 664/0
Laminated Thermoplastic Radome.
PATENT-4 506 269 **16**-*536,545* Not available NTIS

AD-D011 702/8
Method for Producing High Quality Germanium-Germanium Nitride Interfaces for Germanium Semiconductors and Device Produced Thereby.
PAT-APPL-6-714 779 **17**-*539,280* PC **A02**/MF **A01**

AD-D011 703/6
Concretization of High Level Radioactive Source in Marine Sediment.
PAT-APPL-6-698 199 **17**-*539,046* PC **A02**/MF **A01**

AD-D011 704/4
Collective Interaction Klystron Specification.
PAT-APPL-6-695 327 **17**-*537,898* PC **A02**/MF **A01**

AD-D011 705/1
Variable Cycle Engine for High Altitude Aircraft.
PAT-APPL-6-698 720 **17**-*539,622* PC **A02**/MF **A01**

AD-D011 706/9
Method of Measuring Spherical Aberration and Apparatus Therefor.
PAT-APPL-6-721 968 **17**-*539,352* PC **A02**/MF **A01**

AD-D011 707/7
Apparatus for Non-Destructive Inspection of Blind Holes.
PAT-APPL-6-689 115 **17**-*538,721* PC **A02**/MF **A01**

AD-D011 708/5
Dielectric Resonator Stabilized Microstrip Oscillator.
PAT-APPL-6-721 834 **17**-*537,901* PC **A02**/MF **A01**

AD-D011 709/3
Light-Weight Oxygen Delivery Hood Assembly for Hyperbaric Chamber.
PAT-APPL-6-713 666 **17**-*537,550* PC **A02**/MF **A01**

AD-D011 710/1
Very High Speed Lap with Positive Lift Effect.
PAT-APPL-6-720 937 **17**-*538,638* PC **A02**/MF **A01**

AD-D011 711/9
Very High Speed Lap with Negative Lift Effect.
PAT-APPL-6-720 936 **17**-*538,637* PC **A02**/MF **A01**

AD-D011 712/7
Energizing Arrangement for Charge Coupled Device Control Electrodes.
PAT-APPL-6-664 197 **17**-*538,014* PC **A03**/MF **A01**

AD-D011 713/5
Plasma Spray Screen Repair Method.
PAT-APPL-6-711 936 **17**-*538,619* PC **A02**/MF **A01**

AD-D011 714/3
Optically Pumped Laser System Having Extracavity Pulse Smoother.
PAT-APPL-6-721 833 **17**-*539,331* PC **A02**/MF **A01**

AD-D011 715/0
Dielectric Resonator Oscillators with Digital Temperature Compensation.
PAT-APPL-6-716 729 **17**-*537,900* PC **A02**/MF **A01**

AD-D011 719/2
Carbon/Carbon Combustor External Insulation.
PAT-APPL-6-724 719 **20**-*546,017* PC **A02**/MF **A01**

AD-D011 720/0
Wide-Band Phase Locked Loop Amplifier Apparatus.
PAT-APPL-6-724 714 **20**-*545,242* PC **A02**/MF **A01**

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AD-D011 721/8
Low Noise Polycrystalline Semiconductor Resistors by Hydrogen Passivation.
PAT-APPL-6-726 558 **20**-*545,891* PC **A02**/MF **A01**

AD-D011 722/6
Hermetic Chip Carrier Compliant Soldering Pads.
PAT-APPL-6-729 389 **20**-*545,243* PC **A02**/MF **A01**

AD-D011 723/4
Reducing Grating Lobes Due to Subarray Amplitude Tapering.
PAT-APPL-6-731 646 **20**-*547,012* PC **A04**/MF **A01**

AD-D011 724/2
Maintenance Port System.
PAT-APPL-6-733 991 **20**-*545,222* PC **A06**/MF **A01**

AD-D011 725/9
Rotor Blade Test Apparatus.
PAT-APPL-6-737 377 **20**-*545,990* PC **A02**/MF **A01**

AD-D011 726/7
Brush and Commutator Segment Torquer Motor.
PAT-APPL-6-721 836 **20**-*545,235* PC **A02**/MF **A01**

AD-D011 727/5
Differentiating Spatial Light Modulator.
PAT-APPL-6-721 977 **20**-*546,521* PC **A02**/MF **A01**

AD-D011 728/3
Transceiver Test Device.
PAT-APPL-6-657 092 **20**-*545,988* PC **A03**/MF **A01**

AD-D011 729/1
Anaglyphic Stereoscopic Image Apparatus and Method.
PAT-APPL-6-547 610 **20**-*545,240* PC **A03**/MF **A01**

AD-D011 730/9
Process for Improving the Quality of Epitaxial Silicon Films Grown on Insulating Substrates.
PAT-APPL-6-706 205 **20**-*545,890* PC **A03**/MF **A01**

AD-D011 731/7
Method of Characterizing Critical Timing Paths and Analyzing Timing Related Failure Modes in Very Large Scale Integrated Circuits.
PAT-APPL-6-716 863 **20**-*545,192* PC **A04**/MF **A01**

AD-D011 732/5
Optical Correlator.
PAT-APPL-6-465 227 **20**-*546,520* PC **A02**/MF **A01**

AD-D011 733/3
Electrochromic Display Device.
PAT-APPL-6-632 179 **20**-*545,241* PC **A03**/MF **A01**

AD-D011 734/1
Microcomputer Controlled Image Processor.
PAT-APPL-6-689 700 **20**-*545,221* PC **A03**/MF **A01**

AD-D011 735/8
Removable Cleanable Antireflection Shield.
PAT-APPL-6-690 212 **20**-*544,504* PC **A02**/MF **A01**

AD-D011 736/6
Soil Extraction Kit.
PAT-APPL-6-696 129 **20**-*545,989* PC **A02**/MF **A01**

AD-D011 737/4
Robotic Order Picking.
PAT-APPL-6-720 126 **20**-*545,902* PC **A02**/MF **A01**

AD-D011 753/1
Over-Center Toggle Latch.
PAT-APPL-6-640 623 **22**-*550,724* PC **A02**/MF **A01**

AD-D011 754/9
Test Target for Adaptive Optics.
PAT-APPL-6-541 594 **22**-*551,333* PC **A02**/MF **A01**

AD-D011 755/6
CCD (Charge-Coupled Device) Gaussian Convolution Method.
PAT-APPL-6-541 820 **22**-*550,292* PC **A02**/MF **A01**

AD-D011 756/4
Vision Test Chart and Method Using Gaussians.
PAT-APPL-6-693 927 **22**-*549,890* PC **A02**/MF **A01**

AD-D011 757/2
Total Internal Reflection Modulator/Deflector.
PAT-APPL-6-726 872 **22**-*551,334* PC **A02**/MF **A01**

AD-D011 758/0
Tunable Acousto-Optic Filter with Improved Spectral Resolution and Increased Aperture.
PAT-APPL-6-727 507 **22**-*551,335* PC **A02**/MF **A01**

AD-D011 759/8
Instantaneous Frequency Measurement Receiver with Digital Processing.
PAT-APPL-6-739 413 **22**-*550,846* PC **A02**/MF **A01**

AD-D011 760/6
Photoionization Technique for Growth of Metallic Films.
PAT-APPL-6-738 817 **22**-*550,752* PC **A02**/MF **A01**

AD-D011 761/4
Signal Analysis Receiver with Acousto-Optic Delay Lines.
PAT-APPL-6-742 825 **22**-*550,296* PC **A02**/MF **A01**

AD-D011 762/2
Improved Temperature Detection System for Use on Film Cooled Turbine Airfoils.
PAT-APPL-6-729 388 **22**-*551,841* PC **A02**/MF **A01**

AD-D011 766/3
Angle Set-On Apparatus.
PATENT-4 517 568 **23**-*553,790* Not available NTIS

AD-D011 767/1
Sensor System.
PATENT-4 517 464 **23**-*553,793* Not available NTIS

AD-D011 768/9
Method for Tuning a Phased Array Antenna.
PATENT-4 517 570 **23**-*552,883* Not available NTIS

AD-D011 769/7
Multiple Site Laser Excited Pollution Monitoring System.
PATENT-4 516 858 **23**-*553,685* Not available NTIS

AD-D011 770/5
Nickel-Cadmium Battery Conditioner and Tester Apparatus.
PATENT-4 517 517 **23**-*553,111* Not available NTIS

AD-D011 771/3
Harmonic Distortion Reduction Technique for Data Acquisition.
PAT-APPL-6-743 853 **23**-*552,828* PC **A02**/MF **A01**

AD-D011 772/1
Liquid Crystal Non-Destructive Inspection of Metals.
PAT-APPL-6-744 593 **23**-*553,684* PC **A02**/MF **A01**

AD-D011 773/9
Arithmetic Pipeline for Image Processing.
PAT-APPL-6-741 644 **23**-*552,827* PC **A05**/MF **A01**

AD-D011 774/7
Kalman Filter Preprocessor.
PATENT-4 511 219 **23**-*552,829* Not available NTIS

AD-D011 775/4
Laser Target Speckle Eliminator.
PATENT-4 511 220 **23**-*554,238* Not available NTIS

AD-D011 776/2
Measurement of Visual Contrast Sensitivity.
PATENT-4 511 228 **23**-*552,386* Not available NTIS

AD-D011 777/0
Infrared System with Computerized Image Display.
PATENT-4 520 504 **23**-*553,794* Not available NTIS

AD-D011 778/8
Attachment Method-Ceramic Radome to Metal Body.
PATENT-4 520 364 **23**-*553,554* Not available NTIS

AD-D011 779/6
Optical Disc Transport System.
PATENT-4 519 055 **23**-*553,716* Not available NTIS

AD-D011 780/4
Synthesis of Arylene Siloxanylene Polymers and Copolymers.
PATENT-4 518 759 **23**-*552,467* Not available NTIS

AD-D011 781/2
Protection Circuitry for High Voltage Drivers.
PATENT-4 517 618 **23**-*552,884* Not available NTIS

AD-D011 783/8
Pentafluorotelluriumoxide Fluorocarbons.
PATENT-4 508 662 **23**-*552,465* Not available NTIS

AD-D011 784/6
Small Cartridge Heater.
PATENT-4 510 377 **23**-*554,518* Not available NTIS

AD-D011 785/3
Stereoscopic Video Imagery Generation.
PATENT-4 510 525 **23**-*553,720* Not available NTIS

AD-D011 786/1
High Sensitivity Millimeter-Wave Measurement Apparatus.
PATENT-4 510 622 **23**-*552,864* Not available NTIS

AD-D011 787/9
Erosion-Resistant Nosetip Construction.
PATENT-4 515 847 **23**-*554,544* Not available NTIS

AD-D011 788/7
Sample Data Phase Locked Loop for Adaptive Doppler Tracker.
PATENT-4 513 429 **23**-*552,882* Not available NTIS

AD-D011 789/5
Fall Velocity Indicator/Viewer.
PATENT-4 514 758 **23**-*552,045* Not available NTIS

AD-D011 790/3
Variable Radius Lead Former.
PATENT-4 515 001 **23**-*553,569* Not available NTIS

AD-D011 791/1
Acoustically Tuned Optical Filter System.
PATENT-4 514 056 **23**-*554,239* Not available NTIS

AD-D011 792/9
High Power Laser Dump.
PATENT-4 511 216 **23**-*554,220* Not available NTIS

AD-D011 793/7
Compartmented, Filament Wound, One-Piece Aircraft Fuel Tanks.
PATENT-4 511 105 **23**-*551,928* Not available NTIS

AD-D011 794/5
Pneumatic Actuator Device.
PATENT-4 510 846 **23**-*553,591* Not available NTIS

AD-D011 795/2
CO2 Laser Stabilization and Switching.
PATENT-4 513 422 **23**-*554,221* Not available NTIS

AD-D011 796/0
Simultaneous Detection of Time Coincident Signals in an Adaptive Doppler Tracker.
PATENT-4 513 428 **23**-*553,782* Not available NTIS

AD-D011 797/8
Gas Generator Fuel Flow Throttle Control System.
PAT-APPL-6-591 715 **23**-*554,517* PC **A03**/MF **A01**

AD-D011 798/6
Apparatus for Locating Passive Intermodulation Interference Sources.
PAT-APPL-6-719 792 **23**-*554,151* PC **A02**/MF **A01**

AD-D011 799/4
Interdigital Schottky Barrier Capacitor Apparatus.
PAT-APPL-6-731 223 **23**-*552,762* PC **A02**/MF **A01**

AD-D011 800/0
Termination Load Carrying Device.
PAT-APPL-6-746 617 **23**-*553,568* PC **A02**/MF **A01**

AD-D011 801/8
Submerged Ram Air Inlets for ECM (Electronic Countermeasures) Pods.
PAT-APPL-6-749 333 **23**-*553,789* PC **A02**/MF **A01**

AD-D011 802/6
Captive Volume Device as a Safe Life Monitor.
PAT-APPL-6-749 335 **23**-*554,520* PC **A02**/MF **A01**

AD-D011 803/4
Multi-Row Connector with Ground Plane Board.
PAT-APPL-6-708 909 **23**-*552,761* PC **A02**/MF **A01**

AD-D011 804/2
Phase Lock Acquisition System.
PAT-APPL-6-617 668 **23**-*552,880* PC **A02**/MF **A01**

AD-D011 805/9
Technique of Assembling Structures Using Vapor Phase Soldering.
PAT-APPL-6-663 015 **23**-*553,553* PC **A02**/MF **A01**

AD-D011 806/7
Modulation Doped GaAs/AlGaAs Field Effect Transistor.
PAT-APPL-6-749 368 **23**-*552,763* PC **A02**/MF **A01**

AD-D011 849/7
Guided Trephine Samples for Skeletal Bone Studies.
PAT-APPL-6-751 393 **25**-*557,749* PC **A03**/MF **A01**

AD-D011 851/3
Length Adjustable Strut Link with Low Aerodynamic Drag.
PAT-APPL-6-753 462 **25**-*558,694* PC **A02**/MF **A01**

AD-D011 852/1
Heat Pipe Wick.
PAT-APPL-6-751 399 **25**-*558,603* PC **A02**/MF **A01**

AD-D011 853/9
Transient Test of Suspension Electronics for Gyroscope.
PAT-APPL-6-752 767 **25**-*558,897* PC **A03**/MF **A01**

AD-D011 854/7
One-Step Loading Adapter.
PAT-APPL-6-751 400 **25**-*558,742* PC **A02**/MF **A01**

AD-D011 856/2
Lightweight Cryogenic Tank with Positive Expulsion.
PAT-APPL-6-630 148 **25**-*558,693* PC **A02**/MF **A01**

AD-D011 858/8
Adapter Pallet System.
PAT-APPL-6-680 611 **26**-*561,315* PC **A02**/MF **A01**

AD-D011 889/3
Selective Anodic Oxidation of Semiconductors for Pattern Generation.
PAT-APPL-6-667 306 **26**-*560,662* PC **A03**/MF **A01**

AD-D011 890/1
Wavelength Selective Demultiplexer Tuner.
PAT-APPL-6-545 307 **26**-*560,729* PC **A02**/MF **A01**

AD-D011 891/9
Resonant Cavities for Stall Recovery in Gas Turbine Engines.
PAT-APPL-6-757 994 **26**-*562,050* PC **A02**/MF **A01**

AD-D011 892/7
Electrostatic Filtration of N2O4 for Removal of Solid and Vapor Contaminants.
PAT-APPL-6-740 107 **26**-*561,672* PC **A02**/MF **A01**

AD-D011 893/5
Variable Radix Processor.
PATENT-4 528 641 **26**-*560,702* Not available NTIS

AD-D011 894/3
Self-Guarding Schottky Barrier Infrared Detector Array.
PATENT-4 531 055 **26**-*561,352* Not available NTIS

AD-D011 895/0
Bipolar Digitizer Having Compression Capability.
PATENT-4 528 549 **26**-*560,700* Not available NTIS

AD-D011 896/8
Interface Alignment System.
PATENT-4 530 602 **26**-*561,725* Not available NTIS

AD-D011 897/6
Solar Rocket Absorber.
PATENT-4 528 978 **26**-*562,056* Not available NTIS

AD-D011 898/4
Multiplexed Data Stream Monitor.
PATENT-4 528 660 **26**-*560,703* Not available NTIS

AD-D011 899/2
Method and Apparatus for Generating a Structured Light Beam Array.
PATENT-4 523 809 **26**-*561,724* Not available NTIS

AD-D011 902/4
Buffer Diverter System.
PAT-APPL-6-758 928 **26**-*561,677* PC **A02**/MF **A01**

AD-D011 903/2
Clock Distribution Circuit for Active Aperture Antenna Array.
PATENT-4 521 893 **26**-*561,328* Not available NTIS

AD-D011 904/0
Circumferentially Wrapped Carbon-Carbon Structure.
PATENT-4 522 883 **26**-*561,320* Not available NTIS

AD-D011 905/7
Switch Debounce Circuit.
PATENT-4 523 104 **26**-*560,732* Not available NTIS

AD-D011 906/5
Radio Frequency Lens Antenna.
PATENT-4 523 198 **26**-*560,733* Not available NTIS

AD-D011 907/3
Simultaneous Doped Layers for Semiconductor Devices.
PATENT-4 523 212 **26**-*560,664* Not available NTIS

AD-D011 908/1
Two-Dimensional Bulk Acoustic Wave Correlator-Convolver.
PATENT-4 523 293 **26**-*560,734* Not available NTIS

AD-D011 909/9
Three-Stage Binary Coincidence Detector Apparatus with Adaptive Constant False Alarm Rate.
PATENT-4 523 325 **26**-*560,727* Not available NTIS

AD-D011 910/7
Multi-Color X-Ray Line Source.
PATENT-4 523 327 **26**-*561,723* Not available NTIS

AD-D011 911/5
Machine with an Intermittently Rotating Table for the Performance of Work Operations.
PATENT-4 523 359 **26**-*561,207* Not available NTIS

AD-D011 912/3
Simultaneous Incremental Strain/Incremental Temperature Analog Device for, and Method, of Testing for Stress Response.
PATENT-4 523 475 **26**-*562,057* Not available NTIS

AD-D011 913/1
Ferromagnetic Resonance Probe Liftoff Suppression Apparatus.
PATENT-4 528 506 **26**-*561,292* Not available NTIS

AFR-55-24
Draft AFR 55-24, System Operational Concepts.
AD-A147 313/1 **03**-*506,856* PC **A03**/MF **A01**

PAT-APPL-6-051 315
Combined Cycle Ramjet Engine.
PATENT-4 441 312 **01**-*502,755* Not available NTIS

PAT-APPL-6-171 913
Programmable Synchronous Digital Delay Line.
PATENT-4 468 624 **03**-*506,073* Not available NTIS

PAT-APPL-6-256 880
Spacer Structure.
PATENT-4 500 255 **15**-*535,252* Not available NTIS

PAT-APPL-6-258 500
Method of Multivariant Intraclass Pattern Recognition.
PATENT-4 487 476 **10**-*521,971* Not available NTIS

PAT-APPL-6-260 878
Two Carrier Dual Injector Apparatus.
PATENT-4 472 726 **03**-*506,074* Not available NTIS

PAT-APPL-6-272 861
Thermally Isolated Structural Support Link.
PATENT-4 465 392 **03**-*506,616* Not available NTIS

PAT-APPL-6-289 660
RF Laser Array Driver Apparatus.
PATENT-4 472 807 **03**-*507,331* Not available NTIS

PAT-APPL-6-308 972
Variable Data Base Generator Apparatus.
PATENT-4 484 297 **10**-*521,970* Not available NTIS

PAT-APPL-6-320 893
Powered Articulated Headrest System.
PATENT-4 466 662 **03**-*505,304* Not available NTIS

PAT-APPL-6-324 346
Optically Pumped Iodine Monofluoride Laser.
PATENT-4 488 311 **11**-*525,373* Not available NTIS

PAT-APPL-6-324 907
Diagnostic Apparatus for Radar Pulse Repetition Frequency Control Circuit Card.
PATENT-4 472 679 **03**-*506,923* Not available NTIS

PAT-APPL-6-329 557
Simultaneous Detection of Time Coincident Signals in an Adaptive Doppler Tracker.
PATENT-4 513 428 **23**-*553,782* Not available NTIS

PAT-APPL-6-329 558
Sample Data Phase Locked Loop for Adaptive Doppler Tracker.
PATENT-4 513 429 **23**-*552,882* Not available NTIS

PAT-APPL-6-329 560
Security System Signal Processor.
PATENT-4 442 514 **01**-*501,918* Not available NTIS

PAT-APPL-6-331 750
High Power Metal Vapor Laser.
PATENT-4 442 523 **01**-*502,397* Not available NTIS

PAT-APPL-6-339 204
Aircraft Thrust Control Scheme for Terrain Following System.
PATENT-4 467 429 **04**-*507,941* Not available NTIS

PAT-APPL-6-339 257
High Energy Laser Mirror.
PATENT-4 443 059 **01**-*502,398* Not available NTIS

PAT-APPL-6-343 032
Synthesis of Arylene Siloxanylene Polymers and Copolymers.
PATENT-4 516 759 **23**-*552,467* Not available NTIS

PAT-APPL-6-343 041
Mirror Actuator Control System.
PATENT-4 467 186 **03**-*506,913* Not available NTIS

PAT-APPL-6-343 042
Multiple Loop Sidelobe Canceller.
PATENT-4 495 502 **11**-*524,917* Not available NTIS

PAT-APPL-6-343 136
Gas Contamination Detection Device.
PATENT-4 472 356 **04**-*509,864* Not available NTIS

PAT-APPL-6-347 383
Photo-Reconnaissance System.
PATENT-4 442 453 **01**-*502,019* Not available NTIS

PAT-APPL-6-347 391
Multiple Site Laser Excited Pollution Monitoring System.
PATENT-4 516 858 **23**-*553,685* Not available NTIS

PAT-APPL-6-347 749
Angle Set-On Apparatus.
PATENT-4 517 588 **23**-*553,790* Not available NTIS

PAT-APPL-6-353 981
Unstable Optical Resonator with Cancelling Edge Waves.
PATENT-4 477 909 **03**-*507,355* Not available NTIS

PAT-APPL-6-353 983
Hardwire Missile Receiver Coupler.
PATENT-4 465 985 **03**-*506,226* Not available NTIS

PAT-APPL-6-356 576
Di-Acetylenyl-Substituted 2-Phenylbenzothiazoles.
PATENT-4 442 293 **01**-*500,956* Not available NTIS

PAT-APPL-6-357 441
Simultaneous Doped Layers for Semiconductor Devices.
PATENT-4 523 212 **26**-*560,664* Not available NTIS

PAT-APPL-6-361 016
Stereoscopic Video Imagery Generation.
PATENT-4 510 525 **23**-*553,720* Not available NTIS

PAT-APPL-6-366 732
Eddy Current Test Probe with Circumferential Segments and Method of Testing Material Surrounding Fastener Holes.
PATENT-4 495 466 **10**-*522,505* Not available NTIS

PAT-APPL-6-366 745
Azido Nitramino Ethers.
PATENT-4 440 687 **01**-*502,757* Not available NTIS

PAT-APPL-6-366 746
SAW Oscillator with Digital Compensation for the Temperature Related Frequency Changes.
PATENT-4 489 289 **10**-*522,012* Not available NTIS

PAT-APPL-6-368 787
Electro-Optical Target Detection.
PATENT-4 465 940 **03**-*506,906* Not available NTIS

PAT-APPL-6-370 232
Detonator Block.
PATENT-4 442 776 **01**-*502,322* Not available NTIS

PAT-APPL-6-370 234
Range-Only Multistatic Radar System.
PATENT-4 499 468 **15**-*534,520* Not available NTIS

PAT-APPL-6-372 364
Diffusion Barrier for Long Wavelength Laser Diodes.
PATENT-4 479 222 **04**-*510,218* Not available NTIS

PAT-APPL-6-373 084
Method and Means for Providing Frequency Agile Operation of MTI (Moving Target Indicator) Radar.
PATENT-4 495 501 **11**-*524,930* Not available NTIS

PAT-APPL-6-375 621
Axial Flow Laser Cavity.
PATENT-4 483 006 **11**-*525,370* Not available NTIS

PAT-APPL-6-375 622
Holographic Directional Coupler for Fiber Optic Systems.
PATENT-4 465 332 **03**-*507,351* Not available NTIS

PAT-APPL-6-382 068
Reduction of Signal Modulation Caused by Polarization in Visible Optical Scanning Systems.
PATENT-4 477 152 **04**-*509,955* Not available NTIS

PAT-APPL-6-382 069
Three-Stage Binary Coincidence Detector Apparatus with Adaptive Constant False Alarm Rate.
PATENT-4 523 325 **26**-*560,727* Not available NTIS

PAT-APPL-6-382 070
Laminated Thermoplastic Radome.
PATENT-4 506 269 **16**-*536,545* Not available NTIS

PAT-APPL-6-382 324
Delta Wing Nozzle Assembly for Chemical Lasers.
PATENT-4 466 100 **04**-*510,216* Not available NTIS

PAT-APPL-6-384 292
Multiple Double Heterojunction Buried Laser Device.
PATENT-4 484 332 **11**-*525,371* Not available NTIS

PAT-APPL-6-388 327
High Sensitivity Millimeter-Wave Measurement Apparatus.
PATENT-4 510 622 **23**-*552,864* Not available NTIS

PAT-APPL-6-388 574
Kalman Filter Preprocessor.
PATENT-4 511 219 **23**-*552,829* Not available NTIS

PAT-APPL-6-393 834
Translating Rudder Pedal System.
PATENT-4 484 722 **10**-*520,970* Not available NTIS

PAT-APPL-6-394 945
Metallic Aid and Technique in Fitting Voice Prosthesis.
PATENT-4 465 068 **03**-*505,741* Not available NTIS

PAT-APPL-6-398 132
Retinal Information Mapping System.
PATENT-4 494 838 **10**-*521,592* Not available NTIS

PAT-APPL-6-398 134
Self-Detecting Optical Sensors.
PATENT-4 505 582 **16**-*535,974* Not available NTIS

PAT-APPL-6-403 214
Fast Switching Driver for Inductive Load, Such as a Phase Shifter.
PATENT-4 469 961 **03**-*506,921* Not available NTIS

PAT-APPL-6-403 246
Infrared System with Computerized Image Display.
PATENT-4 520 504 **23**-*553,794* Not available NTIS

PAT-APPL-6-403 247
Measurement of Visual Contrast Sensitivity.
PATENT-4 511 228 **23**-*552,386* Not available NTIS

PAT-APPL-6-404 096
Dual Mode Radio Frequency-Infrared Frequency System.
PATENT-4 477 814 **04**-*509,953* Not available NTIS

PAT-APPL-6-407 985
Measurement of Permittivity and Permeability of Microwave Materials.
PATENT-4 507 602 **16**-*536,397* Not available NTIS

PAT-APPL-6-411 946
Voice Command Weapons Launching System.
PATENT-4 471 683 **03**-*507,246* Not available NTIS

PAT-APPL-6-413 297
Wet Film Applicator.
PATENT-4 476 806 **04**-*509,792* Not available NTIS

PAT-APPL-6-417 726
Deployable Folded Antenna Apparatus.
PATENT-4 482 900 **10**-*522,010* Not available NTIS

PAT-APPL-6-417 931
Fluorinated Aliphatic Polyalkylether Lubricant with an Additive Composed of an Aromatic Phosphine Substituted with Perfluoroalkylether Groups.
PATENT-4 443 349 **01**-*501,568* Not available NTIS

PAT-APPL-6-418 867
Rippled-Field Magnetron Apparatus.
PATENT-4 465 953 **03**-*506,072* Not available NTIS

PAT-APPL-6-418 947
Pneumatic Actuator Device.
PATENT-4 510 846 **23**-*553,591* Not available NTIS

PAT-APPL-6-418 952
Windblast Arm Protector Assembly.
PATENT-4 482 112 **10**-*520,955* Not available NTIS

PAT-APPL-6-422 429
Turbulence Measurement Interferometer Apparatus.
PATENT-4 465 372 **03**-*506,813* Not available NTIS

PAT-APPL-6-422 430
RF-Primed High Power Halogen Vial Apparatus.
PATENT-4 496 917 **11**-*524,879* Not available NTIS

PAT-APPL-6-431 434
Nickel-Cadmium Battery Conditioner and Tester Apparatus.
PATENT-4 517 517 **23**-*553,111* Not available NTIS

PAT-APPL-6-431 435
Mounting Construction for Turbine Vane Assembly.
PATENT-4 477 222 **04**-*510,539* Not available NTIS

PAT-APPL-6-431 866
Sensor System.
PATENT-4 517 464 **23**-*553,793* Not available NTIS

PAT-APPL-6-434 647
Combustion Chamber Floatwall Panel Attachment Arrangement.
PATENT-4 471 623 **03**-*507,854* Not available NTIS

PAT-APPL-6-434 671
Optical System for Measuring Shadowgraph Data.
PATENT-4 500 206 **15**-*534,515* Not available NTIS

PAT-APPL-6-435 522
Imaging Apparatus for Transverse Electrode Electro-Optic Tunable Filter.
PATENT-4 494 827 **11**-*525,383* Not available NTIS

PAT-APPL-6-437 655
Process for the Epitaxial Deposition of III-V Compounds Utilizing a Continuous In-Situ Hydrogen Chloride Etch.
PATENT-4 488 914 **11**-*523,937* Not available NTIS

PAT-APPL-6-439 493
Acoustically Tuned Optical Filter System.
PATENT-4 514 056 **23**-*554,239* Not available NTIS

PAT-APPL-6-441 814
Helmet Mounted Telescope.
PATENT-4 465 347 **03**-*507,352* Not available NTIS

PAT-APPL-6-441 816
Slow Wave Circuit with Shaped Dielectric Substrate.
PATENT-4 465 988 **04**-*509,188* Not available NTIS

PAT-APPL-6-442 212
Variable Radix Processor.
PATENT-4 528 641 **26**-*560,702* Not available NTIS

PAT-APPL-6-442 494
Snow Scale/Rate Meter.
PATENT-4 499 761 **15**-*533,010* Not available NTIS

PAT-APPL-6-442 496
Fall Velocity Indicator/Viewer.
PATENT-4 514 758 **23**-*552,045* Not available NTIS

PAT-APPL-6-444 003
Wide Angle Phased Array Dome Lens Antenna with a Reflection/Transmission Switch.
PATENT-4 491 845 **10**-*522,013* Not available NTIS

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PAT-APPL-6-444 004
Ferromagnetic Resonance Probe Liftoff Suppression Apparatus.
PATENT-4 528 506 **26**-*561,292* Not available NTIS

PAT-APPL-6-445 639
Low Sidelobe Phased Array Antenna System.
PATENT-4 489 324 **11**-*524,929* Not available NTIS

PAT-APPL-6-445 646
Detection of Angular Modulated Electromagnetic Signals.
PATENT-4 490 829 **11**-*524,878* Not available NTIS

PAT-APPL-6-445 887
Releasable Cable Connector Assembly for Use between a Mobile and Stationary Object.
PATENT-4 490 002 **10**-*522,364* Not available NTIS

PAT-APPL-6-449 922
Biodynamic Resistant Control Stick.
PATENT-4 477 043 **03**-*505,305* Not available NTIS

PAT-APPL-6-452 601
Laser Target Speckle Eliminator.
PATENT-4 511 220 **23**-*554,238* Not available NTIS

PAT-APPL-6-452 604
Pulse Transformer Package for Impedance Matching a Laser Diode to a Transmission Line.
PATENT-4 485 361 **11**-*525,372* Not available NTIS

PAT-APPL-6-454 081
Machine with an Intermittently Rotating Table for the Performance of Work Operations.
PATENT-4 523 359 **26**-*561,207* Not available NTIS

PAT-APPL-6-455 673
Osteoclast for Whole Bone Testing.
PATENT-4 483 198 **10**-*521,591* Not available NTIS

PAT-APPL-6-455 674
Multi-Color X-Ray Line Source.
PATENT-4 523 327 **26**-*561,723* Not available NTIS

PAT-APPL-6-455 677
Self-Guarding Schottky Barrier Infrared Detector Array.
PATENT-4 531 055 **26**-*561,352* Not available NTIS

PAT-APPL-6-459 159
Dual Mode Directionally Coupled Band Reject Filter Apparatus.
PATENT-4 477 787 **03**-*506,232* Not available NTIS

PAT-APPL-6-461 424
Cooled Turbine Blade Tip Closure.
PATENT-4 487 550 **10**-*523,192* Not available NTIS

PAT-APPL-6-461 426
Bipolar Digitizer Having Compression Capability.
PATENT-4 528 549 **26**-*560,700* Not available NTIS

PAT-APPL-6-461 427
Radar Calibration Using Direct Measurement Equipment and Oblique Photometry.
PATENT-4 489 322 **11**-*524,928* Not available NTIS

PAT-APPL-6-465 213
High Pressure Turbine Rotor Two-Piece Blade Retainer.
PATENT-4 480 958 **10**-*522,362* Not available NTIS

PAT-APPL-6-465 230
Windblast Leg Protector Assembly.
PATENT-4 465 250 **03**-*505,759* Not available NTIS

PAT-APPL-6-468 629
Switch Debounce Circuit.
PATENT-4 523 104 **26**-*560,732* Not available NTIS

PAT-APPL-6-468 781
Method for the Preparation of Epitaxial Films of Mercury Cadmium Tetlunde.
PATENT-4 487 640 **10**-*522,930* Not available NTIS

PAT-APPL-6-469 176
Power Circuit Utilizing Self-Excited Hall Effect Switch Means.
PATENT-4 485 314 **10**-*522,011* Not available NTIS

PAT-APPL-6-469 369
Detonation Transfer Evaluation Technique.
PATENT-4 476 710 **04**-*510,156* Not available NTIS

PAT-APPL-6-469 370
Method for the Fabrication of Dielectric Isolated Junction Field Effect Transistor and PNP Transistor.
PATENT-4 481 707 **10**-*521,921* Not available NTIS

PAT-APPL-6-471 550
Method for Tuning a Phased Array Antenna.
PATENT-4 517 570 **23**-*552,883* Not available NTIS

PAT-APPL-6-475 664
Pneumatic Clamping Device.
PATENT-4 488 713 **10**-*522,363* Not available NTIS

PAT-APPL-6-475 665
Lateral Support System for Canister-Launched Missile.
PATENT-4 464 972 **03**-*506,869* Not available NTIS

PAT-APPL-6-477 793
Titanium Metal-Matrix Composites.
PATENT-4 499 156 **15**-*534,008* Not available NTIS

PAT-APPL-6-478 589
Pentafluorotelluriumoxide Fluorocarbons.
PATENT-4 508 662 **23**-*552,465* Not available NTIS

PAT-APPL-6-480 156
Interface Alignment System.
PATENT-4 530 602 **26**-*561,725* Not available NTIS

PAT-APPL-6-482 375
Carbon/Carbon Rocket Motor Exit Cone Reinforcement.
PATENT-4 477 024 **03**-*507,861* Not available NTIS

PAT-APPL-6-482 377
Two-Dimensional Bulk Acoustic Wave Correlator-Convolver.
PATENT-4 523 293 **26**-*560,734* Not available NTIS

PAT-APPL-6-482 754
Rain Rate Meter.
PATENT-4 476 718 **03**-*505,419* Not available NTIS

PAT-APPL-6-484 327
Jinc-Trap Resonator.
PATENT-4 498 184 **15**-*534,777* Not available NTIS

PAT-APPL-6-484 329
Flameholder with Integrated Air Mixer.
PATENT-4 490 973 **11**-*525,801* Not available NTIS

PAT-APPL-6-484 390
Strutless Diffuser for Gas Turbine Engine.
PATENT-4 503 668 **15**-*536,986* Not available NTIS

PAT-APPL-6-486 477
Optical Disc Transport System.
PATENT-4 519 055 **23**-*553,716* Not available NTIS

PAT-APPL-6-486 598
Flexible Line Support Assembly.
PATENT-4 465 253 **04**-*509,739* Not available NTIS

PAT-APPL-6-486 603
Attachment Method-Ceramic Radome to Metal Body.
PATENT-4 520 364 **23**-*553,554* Not available NTIS

PAT-APPL-6-487 340
Clock Distribution Circuit for Active Aperture Antenna Array.
PATENT-4 521 893 **26**-*561,328* Not available NTIS

PAT-APPL-6-491 111
Propellant Plasticizer.
PATENT-4 482 406 **11**-*525,813* Not available NTIS

PAT-APPL-6-493 387
Printed Circuit Balun with a Dipole Antenna.
PATENT-4 495 505 **10**-*522,014* Not available NTIS

PAT-APPL-6-497 445
Plasticizer System for Propellant Compositions.
PATENT-4 482 407 **11**-*525,814* Not available NTIS

PAT-APPL-6-497 456
Plasticizer System for Propellant Compositions.
PATENT-4 482 408 **11**-*525,815* Not available NTIS

PAT-APPL-6-497 457
Plasticizer System for Propellant Compositions.
PATENT-4 482 409 **11**-*525,816* Not available NTIS

PAT-APPL-6-497 458
Plasticizer System for Propellant Compositions.
PATENT-4 482 410 **11**-*525,817* Not available NTIS

PAT-APPL-6-497 459
Plasticizer System for Propellant Compositions.
PATENT-4 482 411 **11**-*525,818* Not available NTIS

PAT-APPL-6-498 238
Laser Clock.
PATENT-4 482 259 **11**-*524,816* Not available NTIS

PAT-APPL-6-498 335
Integrated Insulation Wall Assembly.
PATENT-4 495 764 **11**-*525,808* Not available NTIS

PAT-APPL-6-498 336
Cut Angles for Quartz Crystal Resonators.
PATENT-4 499 395 **15**-*533,786* Not available NTIS

PAT-APPL-6-502 771
Method and Apparatus for Detecting Acoustic Emissions from Metal Matrix Wire.
PATENT-4 487 068 **10**-*522,503* Not available NTIS

PAT-APPL-6-504 183
EMI (Electromagnetic Interference) Filter Capacitor Unit.
PATENT-4 464 702 **04**-*509,187* Not available NTIS

PAT-APPL-6-504 353
CO2 Laser Stabilization and Switching.
PATENT-4 513 422 **23**-*554,221* Not available NTIS

PAT-APPL-5-511 697
Radio Frequency Lens Antenna.
PATENT-4 523 198 **26**-*560,733* Not available NTIS

PAT-APPL-6-518 590
Method of Producing a Buried Long Period Grating.
PATENT-4 476 161 **03**-*507,354* Not available NTIS

PAT-APPL-6-520 356
Method and Apparatus for Generating a Structured Light Beam Array.
PATENT-4 523 809 **26**-*561,724* Not available NTIS

PAT-APPL-6-525 755
High Power Laser Dump.
PATENT-4 511 216 **23**-*554,220* Not available NTIS

PAT-APPL-6-529 412
Protection Circuitry for High Voltage Drivers.
PATENT-4 517 618 **23**-*552,884* Not available NTIS

PAT-APPL-6-533 276
Halogen Mass Flow Rate Detection System.
PATENT-4 467 474 **04**-*510,217* Not available NTIS

PAT-APPL-6-533 330
Simultaneous Incremental Strain/Incremental Temperature Analog Device for, and Method, of Testing for Stress Response.
PATENT-4 523 475 **26**-*562,057* Not available NTIS

PAT-APPL-6-534 030
Method for Introducing Fluorine into an Aromatic Ring.
PATENT-4 476 337 **04**-*508,723* Not available NTIS

PAT-APPL-6-534 996
Heat Management System for Aircraft.
PATENT-4 505 124 **18**-*535,314* Not available NTIS

PAT-APPL-6-539 603
Process for the Epitaxial Deposition of III-V Compounds Utilizing a Binary Alloy as the Metallic Source.
PATENT-4 504 329 **18**-*536,730* Not available NTIS

PAT-APPL-6-552 552
Pseudo-P-1,2,2,9,9,10,10-Octo-Fluoro(2,2)-P-Cyclophane Bis-Acid Chloride.
PATENT-4 476 062 **04**-*508,722* Not available NTIS

PAT-APPL-6-552 555
Transmissive Dewar Cooling Chamber for Optically Pumped Semiconductor Ring Lasers.
PATENT-4 495 782 **10**-*522,970* Not available NTIS

PAT-APPL-6-558 675
Azido Nitramino Ether Containing Solid Propellants.
PATENT-4 482 404 **11**-*525,812* Not available NTIS

PAT-APPL-6-559 169
Solar Rocket Absorber.
PATENT-4 528 978 **26**-*562,056* Not available NTIS

PAT-APPL-6-559 611
Multiplexed Data Stream Monitor.
PATENT-4 528 660 **26**-*560,703* Not available NTIS

PAT-APPL-6-564 547
Heat Resistant Sheathed Insulated Electrical Conductors.
PATENT-4 499 334 **15**-*533,785* Not available NTIS

PAT-APPL-6-566 352
Variable Radius Lead Former.
PATENT-4 515 001 **23**-*553,569* Not available NTIS

PAT-APPL-6-566 444
Apparatus for Etching Vertical Junction Solar Cell Wafers.
PATENT-4 501 636 **15**-*533,876* Not available NTIS

PAT-APPL-6-574 433
Method for Refining Microstructures of Cast Titanium Articles.
PATENT-4 482 398 **10**-*522,136* Not available NTIS

PAT-APPL-6-577 391
Small Cartridge Heater.
PATENT-4 510 377 **23**-*554,518* Not available NTIS

PAT-APPL-6-578 304
Segmented Zoned Fuel Injection System for Use with a Combustor.
PATENT-4 499 735 **15**-*535,251* Not available NTIS

PAT-APPL-6-578 335
Circumferentially Wrapped Carbon-Carbon Structure.
PATENT-4 522 883 **26**-*561,320* Not available NTIS

PAT-APPL-6-582 514
Compartmented, Filament Wound, One-Piece Aircraft Fuel Tanks.
PATENT-4 511 105 **23**-*551,928* Not available NTIS

PAT-APPL-6-586 893
Integrated Paratroop Door.
PATENT-4 482 113 **10**-*520,969* Not available NTIS

PAT-APPL-6-586 953
Multiconductor Flat Cable.
PATENT-4 501 929 **15**-*533,787* Not available NTIS

PAT-APPL-6-615 507
Polyaromatic Ether-Sulfone-Keytones with Fluoro-Substituted-P-Cyclophane Units as Cross-Linking Sites.
PATENT-4 499 258 **15**-*533,478* Not available NTIS

PAT-APPL-6-643 140
Erosion-Resistant Nosetip Construction.
PATENT-4 515 847 **23**-*554,544* Not available NTIS

PAT-APPL-958 920
Precision Digital Sampler.
PATENT-4 443 766 **01**-*501,383* Not available NTIS

Ideas and Weapons.
AD-A149 567/0 **08**-*515,746* MF **A01**

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AD-A153 658/0 **18**-*536,417* PC **A04**/MF **A01**

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AD-A153 659/8 **18**-*536,418* PC **A13**/MF **A01**

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AD-A155 573/9 **19**-*542,309* PC **A10**/MF **A01**

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AD-A155 574/7 **19**-*542,310* PC **A03**/MF **A01**

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AD-A156 653/8 **22**-*550,900* PC **A03**/MF **A01**

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AD-A157 800/4 **24**-*554,840* PC **A09**/MF **A01**

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AD-D011 245/8
Finlet Injector.
PATENT-4 220 297 **01**-*502,658* Not available NTIS

AD-D011 246/6
Method for Treating Bacterial Infections with 2-Acetyl- and 2-Propionylpyridine Thiosemicarbazones.
PATENT-4 447 427 **01**-*500,823* Not available NTIS

AD-D011 251/6
Immunologically Active Peptides Capable of Inducing Immunization against Malaria and Genes Encoding Therefor.
PAT-APPL-6-624 564 **01**-*500,665* PC **A04**/MF **A01**

AD-D011 256/5
Sampling Device.
PATENT-4 447 395 **01**-*500,791* Not available NTIS

AD-D011 257/3
Embedment System for Ultrahigh-Burning Rate Propellants of Solid Propulsion Subsystems.
PATENT-4 441 942 **01**-*502,758* Not available NTIS

AD-D011 258/1
Gyrodynamic Fixture for Measuring Thrust Force Components.
PATENT-4 214 156 **01**-*502,754* Not available NTIS

AD-D011 259/9
Chemical Sensor Matrix.
PAT-APPL-6-646 536 **01**-*502,024* PC **A02**/MF **A01**

AD-D011 267/2
Vehicle-to-Vehicle Connection Mechanism.
PAT-APPL-6-637 250 **01**-*501,842* PC **A02**/MF **A01**

AD-D011 270/6
Manifold Insulated with Knitted Impregnated Sleeve.
PATENT-4 239 063 **01**-*502,748* Not available NTIS

AD-D011 272/2
Portable Reclining Examination Chair.
PATENT-4 453 768 **01**-*500,792* Not available NTIS

AD-D011 273/0
Dual-Secondary Mirror Cassegrain Optical System.
PATENT-4 439 012 **01**-*502,420* Not available NTIS

AD-D011 276/3
Torque Sensor.
PAT-APPL-6-647 324 **01**-*501,987* PC **A02**/MF **A01**

AD-D011 280/5
Method of Generating Single-Event, Unconfined Fuel-Air Detonation.
PATENT-4 463 680 **01**-*502,323* Not available NTIS

AD-D011 281/3
2-Acetyl Quinoline Thiosemicarbazones Useful in Treatment of Gonorrhea, Malaria or Bacterial Infections.
PATENT-4 440 771 **01**-*500,822* Not available NTIS

AD-D011 283/9
Fast Response Impulse Generator.
PATENT-4 444 119 **01**-*502,063* Not available NTIS

AD-D011 292/0
Vehicle Anchoring System.
PAT-APPL-6-635 072 **01**-*501,828* PC **A02**/MF **A01**

AD-D011 293/8
Single Optical Fiber Telephone System.
PAT-APPL-6-647 767 **01**-*502,096* PC **A03**/MF **A01**

AD-D011 294/6
Fuse Status Indicator System.
PAT-APPL-6-646 535 **01**-*502,321* PC **A02**/MF **A01**

AD-D011 300/1
Narcotic Antagonists in the Therapy of Shock.
PATENT-4 434 168 **01**-*500,821* Not available NTIS

AD-D011 301/9
Piezoelectric Polymer Heat Exchanger.
PAT-APPL-6-370 027 **01**-*501,702* PC **A02**/MF **A01**

AD-D011 302/7
Rechargeable Lithium Cell.
PAT-APPL-6-655 114 **02**-*504,021* PC **A02**/MF **A01**

AD-D011 303/5
Pharmacologically Active Amine Boranes.
PATENT-4 368 194 **02**-*503,502* Not available NTIS

AD-D011 321/7
High Capacity Inorganic Oxyhalide Electrochemical Cell.
PAT-APPL-6-653 116 **02**-*503,596* PC **A02**/MF **A01**

AD-D011 343/1
4-Methyl-5-(Unsubstituted and Substituted Phenoxy)-6-Methoxy-8-(Aminoalkylamino)Quinolines.
PATENT-4 431 807 **03**-*505,755* Not available NTIS

AD-D011 352/2
Intramolecularly Crosslinked Hemoglobin.
PATENT-4 473 496 **03**-*505,621* Not available NTIS

AD-D011 374/6
Microwave Resonator Using Lateral Excitation.
PAT-APPL-6-664 267 **03**-*506,070* PC **A02**/MF **A01**

AD-D011 417/3
Dual Mode Scanner/Tracker.
PAT-APPL-6-669 912 **05**-*512,188* PC **A02**/MF **A01**

AD-D011 435/5
Preparation of Stroma-Free, Non-Heme Protein-Free Hemoglobin.
PATENT-4 473 494 **06**-*513,027* Not available NTIS

AD-D011 436/3
Image Line Voltage Controlled Oscillator with Replaceable Components.
PAT-APPL-6-679 971 **07**-*514,866* PC **A02**/MF **A01**

AD-D011 437/1
Coaxial Cavity Gunn Oscillator Using Probe Coupled Microstrip.
PAT-APPL-6-679 972 **07**-*514,867* PC **A02**/MF **A01**

AD-D011 438/9
Polyactic-Polyglycolic Acid Copolymer Combined with Decalcified Freeze-Dried Bone for Use as a Bone Repair Material.
PAT-APPL-6-658 945 **07**-*514,565* PC **A02**/MF **A01**

AD-D011 439/7
Integrated Varactor Tuned Coaxial Gunn Oscillator for 60 GHz Operation.
PAT-APPL-6-679 974 **07**-*514,868* PC **A02**/MF **A01**

AD-D011 440/5
Filter Reflection Image Guide Oscillator and Solid State Line Scanning Device.
PAT-APPL-6-679 970 **07**-*514,865* PC **A03**/MF **A01**

AD-D011 453/8
Survivable Local Area Network.
PAT-APPL-6-610 148 **08**-*517,376* PC **A02**/MF **A01**

AD-D011 454/6
Method of Heating Quartz Resonators.
PAT-APPL-6-681 733 **08**-*516,583* PC **A02**/MF **A01**

AD-D011 455/3
Digital High Speed Programmable Convolver.
PAT-APPL-6-682 126 **08**-*516,645* PC **A02**/MF **A01**

AD-D011 456/1
Electronically Controlled Array for Simulation of Passive Target/Background Signatures at Millimeter Wavelengths.
PAT-APPL-6-675 916 **08**-*517,404* PC **A02**/MF **A01**

AD-D011 457/9
Curvilinear Solid Propellant Grain.
PAT-APPL-6-667 315 **08**-*517,711* PC **A02**/MF **A01**

AD-D011 458/7
Hoist.
PAT-APPL-6-679 432 **08**-*517,157* PC **A02**/MF **A01**

AD-D011 459/5
Tire Inflation/Deflation System.
PAT-APPL-6-672 056 **08**-*517,180* PC **A02**/MF **A01**

AD-D011 460/3
Tire Deflation Mechanism.
PAT-APPL-6-669 131 **08**-*517,179* PC **A02**/MF **A01**

AD-D011 461/1
Adjustment Structure.
PAT-APPL-6-669 911 **08**-*517,213* PC **A02**/MF **A01**

AD-D011 463/7
Sealing Assembly.
PAT-APPL-6-660 574 **08**-*516,838* PC **A02**/MF **A01**

AD-D011 469/4
Lightweight Cladding for Magnetic Circuits.
PAT-APPL-6-685 426 **08**-*516,706* PC **A02**/MF **A01**

AD-D011 474/4
Integrated Circuit Tunable Cavity Oscillator.
PAT-APPL-6-679 969 **08**-*516,705* PC **A02**/MF **A01**

AD-D011 482/7
Liquid-Phase Epitaxial Growth of CdTe on HgCdTe.
PATENT-4 357 620 **08**-*517,739* Not available NTIS

AD-D011 496/7
Normal Coordinate Monolithic Crystal Filter.
PAT-APPL-6-669 147 **09**-*519,151* PC **A02**/MF **A01**

AD-D011 497/5
Stress Compensation Crystal Device.
PAT-APPL-6-690 358 **09**-*519,076* PC **A03**/MF **A01**

AD-D011 504/8
Freeze Dried Raw Meats.
PAT-APPL-6-677 274 **10**-*521,570* PC **A02**/MF **A01**

AD-D011 543/6
Amine Salts as Bonding Agents.
PATENT-4 493 741 **11**-*525,819* Not available NTIS

AD-D011 573/3
Dielectric Resonator.
PAT-APPL-6-699 990 **11**-*524,209* PC **A02**/MF **A01**

AD-D011 575/8
Cylindrical Crystal Resonator.
PAT-APPL-6-700 573 **11**-*524,210* PC **A03**/MF **A01**

AD-D011 576/6
Device for Controlling Optical Fiber Twist on a Bobbin.
PAT-APPL-6-686 048 **12**-*527,959* PC **A02**/MF **A01**

AD-D011 577/4
Injection Controlled Laser Transmitter with Twin Local Oscillators.
PAT-APPL-6-704 816 **12**-*527,664* PC **A02**/MF **A01**

AD-D011 578/2
Monolithic Planar Doped Barrier Limiter.
PAT-APPL-6-705 267 **12**-*526,881* PC **A02**/MF **A01**

AD-D011 582/4
Compensation of Acoustic Wave Devices.
PAT-APPL-6-707 346 **12**-*527,896* PC **A02**/MF **A01**

AD-D011 588/1
Adjustment of the Frequency-Temperature Characteristics of Crystal Oscillators.
PAT-APPL-6-707 107 **12**-*526,882* PC **A02**/MF **A01**

AD-D011 591/5
Planar Doped Barrier Semiconductor Device.
PATENT-4 410 902 **12**-*526,883* Not available NTIS

AD-D011 592/3
Topical Prophylaxis against Schistosomal Infections.
PAT-APPL-6-702 114 **13**-*528,366* PC **A03**/MF **A01**

AD-D011 600/4
Ground Slot Waveguide Laser.
PAT-APPL-6-712 943 **13**-*530,343* PC **A02**/MF **A01**

AD-D011 618/6
Method and Apparatus for the Pressing and Alignment of Radially Oriented Toroidal Magnets.
PAT-APPL-6-714 602 **14**-*531,647* PC **A02**/MF **A01**

AD-D011 619/4
Method of Pretreating Carbon Black Powder to Improve Cathode Performance and Lithium Sulfuryl Chloride Cell Including the Pretreated Carbon Black Powder.
PAT-APPL-6-715 808 **14**-*531,815* PC **A02**/MF **A01**

AD-D011 620/2
Dot Matrix Color Printer.
PAT-APPL-6-714 784 **14**-*532,296* PC **A02**/MF **A01**

AD-D011 621/0
Acceleration Insensitive Oscillator.
PAT-APPL-6-715 862 **14**-*531,648* PC **A02**/MF **A01**

AD-D011 622/8
Method of Preparing Nonlaminating Anisotropic Boron Nitride.
PAT-APPL-6-715 215 **14**-*531,514* PC **A02**/MF **A01**

AD-D011 623/6
Multi-Track Optical Shaft Position and Timing Cylinder.
PAT-APPL-6-717 990 **14**-*532,297* PC **A02**/MF **A01**

AD-D011 624/4
Positioning of a Multicolor Ribbon.
PATENT-4 395 148 **14**-*532,301* Not available NTIS

AD-D011 625/1
Suppression of Vibration Effects on Piezoelectric Crystal Resonators.
PATENT-4 453 141 **14**-*531,653* Not available NTIS

AD-D011 626/9
Acceleration Resistant Combination of Opposite-Handed Piezoelectric Crystals.
PATENT-4 344 010 **14**-*531,649* Not available NTIS

AD-D011 627/7
Acceleration-Resistant Crystal Resonator.
PATENT-4 410 822 **14**-*531,651* Not available NTIS

AD-D011 628/5
Serial Impact Printer for Multicolor Printing.
PATENT-4 426 168 **14**-*532,302* Not available NTIS

AD-D011 629/3
Optically Controlled Multi-Color Impact Printer.
PAT-APPL-6-721 096 **14**-*532,298* PC **A02**/MF **A01**

AD-D011 630/1
Method of Fabricating Acceleration Resistant Crystal Resonators and Acceleration Resistant Crystal Resonators so Formed.
PATENT-4 365 182 **14**-*531,650* Not available NTIS

AD-D011 631/9
Acceleration Sensitivity Reduction Method.
PATENT-4 451 755 **14**-*531,652* Not available NTIS

AD-D011 632/7
Apparatus and Circuits for Two-Color Printing in Electronic Impact Printers.
PATENT-4 073 371 **14**-*532,299* Not available NTIS

AD-D011 633/5
Printing Apparatus.
PATENT-4 280 767 **14**-*532,300* Not available NTIS

AD-D011 659/0
Nondestructive Noncontact Device to Characterize Semiconductor Material.
PAT-APPL-6-699 282 **16**-*536,396* PC **A02**/MF **A01**

AD-D011 661/6
Simple Power Meter for High Energy Pulsed Lasers.
PAT-APPL-6-707 294 **16**-*536,761* PC **A02**/MF **A01**

AD-D011 716/8
Microwave Bandstop Filter.
PAT-APPL-6-732 120 **17**-*538,016* PC **A07**/MF **A01**

AD-D011 717/6
Integrated Dual Beam Line Scanning Antenna and Negative Resistance Diode Oscillator.
PAT-APPL-6-733 836 **17**-*538,017* PC **A03**/MF **A01**

AD-D011 718/4
Microwave SAW (Surface Acoustic Wave) Monochromator.
PAT-APPL-6-737 627 **18**-*540,560* PC **A07**/MF **A01**

AD-D011 738/2
Rechargeable Lithium-Organic Electrolyte Battery Having Overcharge Protection and Method of Providing Overcharge Protection for a Lithium-Organic Electrolyte Battery.
PAT-APPL-6-744 344 **20**-*545,454* PC **A02**/MF **A01**

AD-D011 739/0
Dual Optical Mechanical Position Tracker.
PAT-APPL-6-742 152 **20**-*546,013* PC **A02**/MF **A01**

AD-D011 763/0
Forward Field Autotransfusion Device.
PAT-APPL-6-732 335 **22**-*549,891* PC **A02**/MF **A01**

AD-D011 764/8
Suture Needle Holder.
PAT-APPL-6-740 610 **22**-*549,892* PC **A02**/MF **A01**

AD-D011 765/5
Photosensitive Cartridge for Weapons Zeroing and Marksmanship Training.
PAT-APPL-6-730 125 **22**-*551,222* PC **A02**/MF **A01**

AD-D011 782/0
Recovery of Alcohol from a Fermentation Source by Separation Rather Than Distillation.
PATENT-4 508 929 **23**-*552,466* Not available NTIS

AD-D011 807/5
Cathode Including a Non Fluorinated Linear Chain Polymer as the Binder, Method of Making the Cathode, and Lithium Electrochemical Cell Containing the Cathode.
PAT-APPL-6-749 597 **23**-*553,110* PC **A02**/MF **A01**

AD-D011 808/3
Routing Method in Computer Aided Customization of a Two Level Automated Universal Array.
PAT-APPL-6-751 339 **23**-*552,881* PC **A04**/MF **A01**

AD-D011 809/1
Compact Brake Structure.
PAT-APPL-6-692 955 **23**-*553,567* PC **A02**/MF **A01**

AD-D011 846/3
Control for Dot Matrix Printers Operating in Harsh Environment.
PAT-APPL-6-741 940 **24**-*555,543* PC **A06**/MF **A01**

AD-D011 847/1
Electrolytic Pressure Transduction System.
PAT-APPL-6-657 438 **25**-*557,748* PC **A02**/MF **A01**

AD-D011 848/9
Dermal Substance Collection Device.
PAT-APPL-6-660 778 **25**-*558,815* PC **A03**/MF **A01**

AD-D011 850/5
Communications Network Status Information System.
PATENT-4 532 625 **25**-*558,883* Not available NTIS

AD-D011 855/4
Pulsed Digital Multiplexed Laser Generator.
PAT-APPL-6-758 919 **25**-*558,882* PC **A02**/MF **A01**

AD-D011 859/6
Multiple Parallel RF Excited CO2 Lasers.
PAT-APPL-6-761 256 **26**-*561,713* PC **A02**/MF **A01**

AD-D011 860/4
Anti-Trypanosomal Activity of Platinum Co-ordination Compounds.
PATENT-4 532 122 **26**-*560,390* Not available NTIS

AD-D011 861/2
Large Memory Acousto-Optically Addressed Pattern Recognition.
PAT-APPL-6-750 611 **26**-*560,698* PC **A02**/MF **A01**

AD-D011 862/0
Metallographic Preparation of Particulate Filled Aluminum Metal Matrix Composite Material.
PAT-APPL-6-747 741 **26**-*560,912* PC **A02**/MF **A01**

AD-D011 863/8
Automated Calibration Technique for Non-Field Perturbing (Electrically Small) Electromagnetic Field Sensors.
PAT-APPL-6-763 362 **26**-*561,291* PC **A02**/MF **A01**

AD-D011 864/6
Cable Stripping Apparatus.
PAT-APPL-6-763 860 **26**-*561,206* PC **A02**/MF **A01**

AD-D011 865/3
Surface Acoustic Wave Device for Sensing the Presence of Chemical Agents.
PAT-APPL-6-763 164 **26**-*561,314* PC **A02**/MF **A01**

AD-D011 878/6
Analog-to-Digital Converter.
PAT-APPL-6-766 371 **26**-*560,699* PC **A02**/MF **A01**

AD-D011 879/4
Improved Chemical Sensor Matrix.
PAT-APPL-6-763 160 **26**-*561,313* PC **A02**/MF **A01**

AD-D011 880/2
Optical Radar Transceiver Control Apparatus.
PAT-APPL-6-761 257 **26**-*561,351* PC **A02**/MF **A01**

AD-D011 881/0
Slot Line Tunable Bandpass Filter.
PAT-APPL-6-763 161 **26**-*560,731* PC **A03**/MF **A01**

AD-D011 882/8
Cathode for Use in High Energy Primary Thionyl Chloride Cell Systems and High Energy Primary Thionyl Chloride Cell Systems Including the Cathode.
PAT-APPL-6-768 271 **26**-*560,876* PC **A02**/MF **A01**

AD-D011 900/8
Microwave Drying of Ammonium Perchlorate Grinding Spheres.
PATENT-4 513 513 **26**-*561,185* Not available NTIS

PAT-APPL-6-047 456
Printing Apparatus.
PATENT-4 280 767 **14**-*532,300* Not available NTIS

PAT-APPL-6-086 504
Acceleration Resistant Combination of Opposite-Handed Piezoelectric Crystals.
PATENT-4 344 010 **14**-*531,649* Not available NTIS

PAT-APPL-6-196 508
Method of Fabricating Acceleration Resistant Crystal Resonators and Acceleration Resistant Crystal Resonators so Formed.
PATENT-4 365 182 **14**-*531,650* Not available NTIS

PAT-APPL-6-207 863
Liquid-Phase Epitaxial Growth of CdTe on HgCdTe.
PATENT-4 357 620 **08**-*517,739* Not available NTIS

PAT-APPL-6-246 787
Planar Doped Barrier Semiconductor Device.
PATENT-4 410 902 **12**-*526,883* Not available NTIS

PAT-APPL-6-248 622
Narcotic Antagonists in the Therapy of Shock.
PATENT-4 434 168 **01**-*500,821* Not available NTIS

PAT-APPL-6-250 991
Anti-Trypanosomal Activity of Platinum Co-ordination Compounds.
PATENT-4 532 122 **26**-*560,390* Not available NTIS

PAT-APPL-6-253 874
Positioning of a Multicolor Ribbon.
PATENT-4 395 148 **14**-*532,301* Not available NTIS

PAT-APPL-6-284 279
Pharmacologically Active Amine Boranes.
PATENT-4 368 194 **02**-*503,502* Not available NTIS

PAT-APPL-6-311 369
Method for Treating Bacterial Infections with 2-Acetyl- and 2-Propionylpyridine Thiosemicarbazones.
PATENT-4 447 427 **01**-*500,823* Not available NTIS

PAT-APPL-6-323 626
Portable Reclining Examination Chair.
PATENT-4 453 768 **01**-*500,792* Not available NTIS

PAT-APPL-6-328 638
4-Methyl-5-(Unsubstituted and Substituted Phenoxy)-6-Methoxy-8-(Aminoalkylamino)Quinolines.
PATENT-4 431 807 **03**-*505,755* Not available NTIS

PAT-APPL-6-338 695
Dual-Secondary Mirror Cassegrain Optical System.
PATENT-4 439 012 **01**-*502,420* Not available NTIS

PAT-APPL-6-343 644
Suppression of Vibration Effects on Piezoelectric Crystal Resonators.
PATENT-4 453 141 **14**-*531,653* Not available NTIS

PAT-APPL-6-348 462
2-Acetyl Quinoline Thiosemicarbazones Useful in Treatment of Gonorrhea, Malaria or Bacterial Infections.
PATENT-4 440 771 **01**-*500,822* Not available NTIS

PAT-APPL-6-348 539
Sampling Device.
PATENT-4 447 395 **01**-*500,791* Not available NTIS

PAT-APPL-6-389 315
Acceleration-Resistant Crystal Resonator.
PATENT-4 410 822 **14**-*531,651* Not available NTIS

PAT-APPL-6-394 566
Fast Response Impulse Generator.
PATENT-4 444 119 **01**-*502,063* Not available NTIS

PAT-APPL-6-423 574
Method of Generating Single-Event, Unconfined Fuel-Air Detonation.
PATENT-4 463 680 **01**-*502,323* Not available NTIS

PAT-APPL-6-434 998
Acceleration Sensitivity Reduction Method.
PATENT-4 451 755 **14**-*531,652* Not available NTIS

PAT-APPL-6-455 362
Recovery of Alcohol from a Fermentation Source by Separation Rather Than Distillation.
PATENT-4 508 929 **23**-*552,466* Not available NTIS

PAT-APPL-6-455 366
Embedment System for Ultrahigh-Burning Rate Propellants of Solid Propulsion Subsystems.
PATENT-4 441 942 **01**-*502,758* Not available NTIS

PAT-APPL-6-467 337
Serial Impact Printer for Multicolor Printing.
PATENT-4 426 168 **14**-*532,302* Not available NTIS

PAT-APPL-6-488 249
Amine Salts as Bonding Agents.
PATENT-4 493 741 **11**-*525,819* Not available NTIS

PAT-APPL-6-497 455
Preparation of Stroma-Free, Non-Heme Protein-Free Hemoglobin.
PATENT-4 473 494 **06**-*513,027* Not available NTIS

PAT-APPL-6-542 635
Communications Network Status Information System.
PATENT-4 532 625 **25**-*558,883* Not available NTIS

PAT-APPL-6-546 076
Intramolecularly Crosslinked Hemoglobin.
PATENT-4 473 496 **03**-*505,621* Not available NTIS

PAT-APPL-6-550 435
Microwave Drying of Ammonium Perchlorate Grinding Spheres.
PATENT-4 513 513 **26**-*561,185* Not available NTIS

PAT-APPL-6-749 038
Wideband SAW (Surface Acoustic Wave) Channellizer Using Slanted Array Input Transducer.
AD-D011 857/0 **25**-*558,243* Not available NTIS

PAT-APPL-631 936
Apparatus and Circuits for Two-Color Printing in Electronic Impact Printers.
PATENT-4 073 371 **14**-*532,299* Not available NTIS

PAT-APPL-891 255
Manifold Insulated with Knitted Impregnated Sleeve.
PATENT-4 239 063 **01**-*502,748* Not available NTIS

PAT-APPL-971 459
Finlet Injector.
PATENT-4 220 297 **01**-*502,658* Not available NTIS

PAT-APPL-972 303
Gyrodynamic Fixture for Measuring Thrust Force Components.
PATENT-4 214 156 **01**-*502,754* Not available NTIS

PATENT-4 423 768
Piezoelectnc Polymer Heat Exchanger.
PAT-APPL-6-370 027 **01**-*501,702* PC **A02**/MF **A01**

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AD-A154 181/2 **17**-*538,771* MF **A01**

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AD-P003 965/1 **01**-*500,487* PC **A02**/MF **A01**

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INIS-mf-9099
Quality Assurance in Processing Radioactive Waste for Land Disposal.
DE85780181 **13**-*530,141* PC **A02**/MF **A01**

INIS-mf-9574
Radionuclides in Terrestrial Ecosystems. Radioecological Computer-Based Bibliography.
DE85701231 **22**-*551,177* PC **A08**/MF **A01**

INIS-mf-9654
Disposal Facilities on Land for Low and Intermediate-Level Radioactive Wastes: Draft Principles for the Protection of the Human Environment.
DE85781416 **25**-*557,420* PC **A02**/MF **A01**

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NP-4901337
Outer Continental Shelf Oil and Gas Leasing and Production Program. Annual Report, Fiscal Year 1983.
DE84901337 **04**-*508,992* PC **A04**/MF **A01**

PAT-APPL-6-168 815
Machine for Mixing and Injecting Water and Grout into a Roof Bolt Hole.
PATENT-4 497 578 **12**-*526,846* Not available NTIS

PAT-APPL-6-376 852
Method for Controlled Burnout of Abandoned Coal Mines and Waste Banks.
PATENT-4 387 655 **07**-*514,923* Not available NTIS

PAT-APPL-6-416 192
Method of Enhancing the Removal of Methane Gas and Associated Fluids from Mine Boreholes.
PATENT-4 474 409 **03**-*506,020* Not available NTIS

PAT-APPL-6-455 187
Universal Ripper Miner.
PATENT-4 501 448 **18**-*540,511* Not available NTIS

PAT-APPL-6-473 294
Extensible Brattice Support System for Mine Face Ventilation.
PATENT-4 494 894 **10**-*521,881* Not available NTIS

PAT-APPL-6-473 298
Short Range Trapped Miner Locator.
PATENT-4 491 971 **09**-*519,031* Not available NTIS

PAT-APPL-6-488 479
Remote Sequential Gas Sampler for Blasting Areas.
PATENT-4 468 973 **01**-*501,989* Not available NTIS

PAT-APPL-6-488 482
Self-Actuating Vacuum Gas/Liquid Separator.
PATENT-4 500 329 **13**-*529,089* Not available NTIS

PAT-APPL-6-574 499
Formation of Tungsten Monocarbide from a Molten Tungstate-Halide Phase by Gas Sparging.
PATENT-4 489 044 **08**-*516,846* Not available NTIS

PAT-APPL-6-577 459
Ductile Duplex Iron-Based Alloy Containing Aluminum.
PATENT-4 498 928 **11**-*524,496* Not available NTIS

PAT-APPL-6-622 515
Production of Lead from Sulfides.
PATENT-4 500 398 **13**-*529,090* Not available NTIS

PB85-102119
Remote Sequential Gas Sampler for Blasting Areas.
PATENT-4 468 973 **01**-*501,989* Not available NTIS

PB85-113926
Method of Enhancing the Removal of Methane Gas and Associated Fluids from Mine Boreholes.
PATENT-4 474 409 **03**-*506,020* Not available NTIS

PB85-141810
Method for Controlled Burnout of Abandoned Coal Mines and Waste Banks.
PATENT-4 387 655 **07**-*514,923* Not available NTIS

PB85-149177
Formation of Tungsten Monocarbide from a Molten Tungstate-Halide Phase by Gas Sparging.
PATENT-4 489 044 **08**-*516,846* Not available NTIS

PB85-152908
Short Range Trapped Miner Locator.
PATENT-4 491 971 **09**-*519,031* Not available NTIS

PB85-162071
Extensible Brattice Support System for Mine Face Ventilation.
PATENT-4 494 894 **10**-*521,881* Not available NTIS

PB85-171346
Ductile Duplex Iron-Based Alloy Containing Aluminum.
PATENT-4 498 928 **11**-*524,496* Not available NTIS

PB85-171353
Machine for Mixing and Injecting Water and Grout into a Roof Bolt Hole.
PATENT-4 497 578 **12**-*526,846* Not available NTIS

PB85-179687
Production of Lead from Sulfides.
PATENT-4 500 398 **13**-*529,090* Not available NTIS

PB85-179703
Self-Actuating Vacuum Gas/Liquid Separator.
PATENT-4 500 329 **13**-*529,089* Not available NTIS

PB85-201556
Universal Ripper Miner.
PATENT-4 501 448 18-540,511 Not available NTIS

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AD-D010 722
Recrystallization of Hexanitrostilbene from Dimethylsulfoxide and Methanol.
PAT-APPL-508 789 25-559,367 PC A02/MF A01

AD-D011 252/4
Electrooptical Matrix Multiplication Using the Twos Complement Arithmetic for Improved Accuracy.
PAT-APPL-6-612 288 01-501,338 PC A02/MF A01

AD-D011 253/2
Apparatus for and a Method of Controlling Multiple Time-Varying Processes.
PAT-APPL-6-627 707 01-501,348 PC A02/MF A01

AD-D011 262/3
Advanced Cube Processor.
PAT-APPL-6-626 506 01-501,339 PC A02/MF A01

AD-D011 263/1
Metallized Synthetic Cable.
PAT-APPL-6-601 751 01-502,093 PC A02/MF A01

AD-D011 264/9
Radiation Hardened Ion-Implanted GaAs Field Effect Transistor and Method for Making the Same Specification.
PAT-APPL-6-514 891 01-501,272 PC A02/MF A01

AD-D011 265/6
Combination Frangible Nose Cap EMI (Electromagnetic Interference) Shield.
PAT-APPL-6-616 866 01-502,338 PC A02/MF A01

AD-D011 266/4
Data Collection System.
PAT-APPL-6-629 284 01-501,340 PC A02/MF A01

AD-D011 277/1
Prefabricated Panels for Rapidly Runway Repair and Expedient Airfield Surfacing.
PAT-APPL-6-631 954 01-500,060 PC A02/MF A01

AD-D011 278/9
Test Signal Generator for Coherent Air-to-Ground Radars.
PAT-APPL-6-564 864 01-502,123 PC A02/MF A01

AD-D011 279/7
Digital Raster Timing Encoder/Decoder.
PAT-APPL-6-617 220 01-502,094 PC A03/MF A01

AD-D011 295/3
Process for Producing Carbide Coatings.
PAT-APPL-6-617 777 01-501,512 PC A02/MF A01

AD-D011 296/1
Preparation of Polymers of Functionalized Acetylenes.
PAT-APPL-6-567 992 01-500,954 PC A02/MF A01

AD-D011 297/9
Apparatus for Determining the Liquid Water Content of a Gas.
PAT-APPL-6-601 516 01-501,982 PC A02/MF A01

AD-D011 298/7
Water Toxicity Field Test System.
PAT-APPL-6-619 507 01-500,908 PC A02/MF A01

AD-D011 299/5
Hydraulic Locking Boltwork System.
PAT-APPL-6-641 189 01-501,843 PC A02/MF A01

AD-D011 304/3
Biological Sensor for the Detection of Toxicants.
PAT-APPL-6-656 208 02-504,488 PC A02/MF A01

AD-D011 305/0
Method of Preparing Single Crystalline Cubic Silicon Carbide Layers.
PAT-APPL-6-843 327 02-504,863 PC A02/MF A01

AD-D011 306/8
Optical Fibers with Reduced Pressure Sensitivity to High Frequency Acoustic Field.
PAT-APPL-6-635 693 02-504,905 PC A02/MF A01

AD-D011 308/4
Quasi-Optical Harmonic Gyrotron and Gyroklystron.
PAT-APPL-6-630 049 02-503,776 PC A03/MF A01

AD-D011 309/2
Electronic Module Insertion and Retraction Mechanism.
PAT-APPL-6-622 370 02-504,414 PC A02/MF A01

AD-D011 310/0
Moisture Absorbing Anti-Arcing Coating and Method For Applying Same.
PAT-APPL-6-596 784 02-504,040 PC A02/MF A01

AD-D011 311/8
Visible and Ultraviolet Lasers Based on Excimer Transitions in the Homonuclear Halogens.
PAT-APPL-6-356 814 02-504,886 PC A02/MF A01

AD-D011 312/6
Low Perturbation Electron Injector for Cyclic Accelerators.
PAT-APPL-6-620 646 02-504,932 PC A02/MF A01

AD-D011 313/4
Process for Preparation of Crosslinked Poly(tri-n-butyltin) Methacrylate with Simultaneous Particle Size Reduction.
PAT-APPL-6-609 940 02-503,501 PC A02/MF A01

AD-D011 314/2
Laser Generation of Ultrasonic Waveform Reconstructions.
PAT-APPL-6-459 073 02-504,846 PC A02/MF A01

AD-D011 315/9
Multi-Directional Straddle-Lift Carrier.
PAT-APPL-6-548 047 02-504,413 PC A02/MF A01

AD-D011 316/7
Aircraft Barricade.
PAT-APPL-6-519 421 02-502,804 PC A02/MF A01

AD-D011 317/5
Phased Locked Array Laser Systems.
PAT-APPL-6-612 528 02-504,888 PC A02/MF A01

AD-D011 318/3
New Free Electron Laser Using a Relativistic Beam with Spiralling Electron.
PAT-APPL-6-575 425 02-504,857 PC A02/MF A01

AD-D011 319/1
Automatic Pattern Recognition Apparatus.
PAT-APPL-6-627 939 02-503,859 PC A02/MF A01

AD-D011 320/9
Bragg Cell Spectrum Analyzer Specification.
PAT-APPL-6-617 659 02-504,904 PC A02/MF A01

AD-D011 322/5
Preparation of Simple Nitronium Salts.
PATENT-4 456 583 03-505,818 Not available NTIS

AD-D011 323/3
Transmission Line Biased Coherent Array of Josephson Oscillators.
PATENT-4 468 635 03-506,228 Not available NTIS

AD-D011 324/1
Polaris Guidance System.
PATENT-4 470 562 03-506,910 Not available NTIS

AD-D011 325/8
System for Rapid Repair of Damaged Airfield Runways.
PATENT-4 404 244 03-505,309 Not available NTIS

AD-D011 326/6
Passive Maser Using Timesharing for Control of the Cavity and Control of the Oscillator on the Line of Stimulated Emission.
PATENT-4 449 105 03-507,330 Not available NTIS

AD-D011 327/4
Adaptive Preprocessing System.
PATENT-4 464 768 03-506,126 Not available NTIS

AD-D011 328/2
Fluorinated Diacrylic Esters.
PATENT-4 452 998 03-506,365 Not available NTIS

AD-D011 329/0
Dual Band, Low Sidelobe, High Efficiency Mirror Antenna.
PATENT-4 471 359 03-506,231 Not available NTIS

AD-D011 330/8
Sampled Towed Array Telemetry.
PATENT-4 464 739 03-506,871 Not available NTIS

AD-D011 331/6
Compact Wideband Multiple Conductor Monopole Antenna.
PATENT-4 466 003 03-506,227 Not available NTIS

AD-D011 332/4
Fast Granular Superconducting Bolometer.
PATENT-4 464 065 03-506,812 Not available NTIS

AD-D011 333/2
High Temperature Ultra-High Vacuum Infrared Window Seal.
PATENT-4 448 000 03-507,329 Not available NTIS

AD-D011 334/0
Dual-Gate MESFET Variable Gain Constant Output Power Amplifier.
PATENT-4 456 889 03-506,225 Not available NTIS

AD-D011 335/7
Amplitude Mode Magnetic Sensors.
PATENT-4 471 219 03-506,907 Not available NTIS

AD-D011 336/5
Optical RF Downconverter.
PATENT-4 468 766 03-507,353 Not available NTIS

AD-D011 337/3
Alloys and Method of Making.
PATENT-4 469 536 03-506,444 Not available NTIS

AD-D011 338/1
Analog to Digital Converter.
PATENT-4 471 340 03-506,230 Not available NTIS

AD-D011 339/9
Apparatus and Method for Determining the Phase Sensitivity of Hydrophones.
PATENT-4 453 238 03-507,255 Not available NTIS

AD-D011 340/7
Method for Bonding Insulator to Insulator.
PATENT-4 452 624 03-506,364 Not available NTIS

AD-D011 341/5
External Cavity Diode Laser Sensor.
PATENT-4 452 533 03-506,811 Not available NTIS

AD-D011 342/3
Adjustable Container Bulkhead Assembly.
PATENT-4 334 812 03-506,719 Not available NTIS

AD-D011 344/9
Directional Line-Hydrophone Array Calibrator.
PATENT-4 468 760 03-506,872 Not available NTIS

AD-D011 345/6
Lightweight, Broadband Rayleigh Wave Transducer.
PATENT-4 462 256 03-506,071 Not available NTIS

AD-D011 348/0
Hybrid Shaped-Charge/Kinetic/Energy Penetrator.
PATENT-4 463 675 03-507,241 Not available NTIS

AD-D011 361/3
Adaptive MTI (Moving Target Indicator) System.
PATENT-4 459 700 03-506,920 Not available NTIS

AD-D011 363/9
Superlattice Ultrasonic Wave Generator.
PATENT-4 469 977 03-507,256 Not available NTIS

AD-D011 367/0
Coherent Array of Josephson Oscillators with External Bias Leads.
PATENT-4 470 023 03-506,229 Not available NTIS

AD-D011 405/8
Method for Automatic Water Mass Classification.
PAT-APPL-6-647 777 05-511,437 PC A02/MF A01

AD-D011 406/6
Broadband Matching Network.
PAT-APPL-6-619 436 05-512,144 PC A02/MF A01

AD-D011 407/4
Coaxial Probe for Measuring the Current Density Profile of Intense Electron Beams.
PAT-APPL-6-640 178 05-512,069 PC A02/MF A01

AD-D011 408/2
Transistor Oscillator/Doubler.
PAT-APPL-6-491 941 05-511,549 PC A03/MF A01

AD-D011 409/0
Loop Radiating Elements.
PAT-APPL-6-548 468 05-511,550 PC A02/MF A01

AD-D011 410/8
Matrix-Matrix Multiplication Using an Electrooptical Systolic/Engagement Array Processing Architecture.
PAT-APPL-6-581 168 05-511,501 PC A02/MF A01

AD-D011 411/6
Gyro Sensor Block Suspension.
PAT-APPL-6-549 019 05-512,184 PC A02/MF A01

AD-D011 412/4
Method for Determining Mesoscale Dynamic Topography.
PAT-APPL-6-582 412 05-511,360 PC A02/MF A01

AD-D011 413/2
Improvements in Linked-Spar Motion-Compensated Lifting System.
PAT-APPL-6-657 641 05-511,993 PC A02/MF A01

AD-D011 414/0
Improved Real-Time Ultra-High Resolution Image Projection Display Using Laser-Addressed Liquid Crystal Light Valve.
PAT-APPL-6-643 216 05-511,553 PC A02/MF A01

AD-D011 415/7
Nonlinear Technique for High-Resolution Data Processing.
PAT-APPL-6-611 811 05-511,502 PC A03/MF A01

AD-D011 416/5
Variable Length and Sensor Spacing Thermistor Array.
PAT-APPL-6-582 238 05-511,575 PC A02/MF A01

AD-D011 418/1
Padlock Shackle.
PAT-APPL-6-627 936 05-511,950 PC A02/MF A01

AD-D011 419/9
Scanning Alarm Electronic Processor.
PAT-APPL-6-628 093 05-512,068 PC A02/MF A01

AD-D011 420/7
Battery Charger.
PAT-APPL-6-636 038 05-511,641 PC A02/MF A01

AD-D011 421/5
1-Fluoro-1,1,5-Trinitro-3-Oxa-5-Azahexane and Method of Preparation.

PAT-APPL-6-626 510 **05**-*512,382* PC **A02**/MF **A01**

AD-D011 422/3
In-Situ Annular Face Grinder.
PAT-APPL-6-597 966 **05**-*511,984* PC **A02**/MF **A01**

AD-D011 464/5
Deployment Sequence Mode Selection System for Aircraft Ejection Seat.
PAT-APPL-6-531 097 **08**-*515,756* PC **A02**/MF **A01**

AD-D011 465/2
Composition and Method for Cleaning Embedded Soil from Surfaces Having Low Gloss Coatings.
PAT-APPL-6-600 876 **08**-*516,922* PC **A02**/MF **A01**

AD-D011 466/0
Dynamic Pressure Test Unit-Ratio Method.
PAT-APPL-6-576 229 **08**-*517,287* PC **A02**/MF **A01**

AD-D011 467/8
Connector/Nitinol delta Contact Force Device.
PAT-APPL-6-607 477 **08**-*516,580* PC **A02**/MF **A01**

AD-D011 468/6
Servo Operated Anti-G Suit Pressurization System.
PAT-APPL-6-613 497 **08**-*516,285* PC **A02**/MF **A01**

AD-D011 470/2
Precise Bearing Support Ditherer.
PAT-APPL-6-617 049 **08**-*517,212* PC **A02**/MF **A01**

AD-D011 471/0
(Vinyloxy)Chlorocyclotriphosphazenes.
PAT-APPL-6-605 317 **08**-*516,358* PC **A02**/MF **A01**

AD-D011 472/8
Airspeed Sensing Pressure Valve System.
PAT-APPL-6-627 307 **08**-*515,758* PC **A02**/MF **A01**

AD-D011 478/5
Adhesive Joint Formation under Field Conditions.
PAT-APPL-6-635 866 **08**-*517,169* PC **A02**/MF **A01**

AD-D011 479/3
IREB (Intense Relativistic Electron Beam) Converter to AC Pulses.
PAT-APPL-6-661 838 **08**-*516,821* PC **A02**/MF **A01**

AD-D011 483/5
Triple Matrix Product Optical Processors Using Combined Time-and-Space Integration.
PAT-APPL-6-654 926 **08**-*516,643* PC **A03**/MF **A01**

AD-D011 486/8
Hot Rolling of Ceramics by the Use of Self Propagating Synthesis.
PAT-APPL-6-662 933 **08**-*517,201* PC **A02**/MF **A01**

AD-D011 487/6
Coherent Receiver Phase and Amplitude Alignment Circuit.
PAT-APPL-6-670 082 **08**-*517,377* PC **A02**/MF **A01**

AD-D011 488/4
Improved Operation of Transversely Exited N2O Lasers.
PAT-APPL-6-651 399 **08**-*517,785* PC **A02**/MF **A01**

AD-D011 520/4
Remote Self-Contained Undersea Monitor.
PATENT-4 480 323 **11**-*524,826* Not available NTIS

AD-D011 521/2
Calibration Method for Acoustic Scattering Measurements Using a Spherical Target.
PATENT-4 476 549 **11**-*525,326* Not available NTIS

AD-D011 522/0
Lightweight Neutron Detector.
PATENT-4 463 264 **11**-*525,036* Not available NTIS

AD-D011 523/8
Phanton Computer Gating System.
PATENT-4 459 935 **10**-*522,574* Not available NTIS

AD-D011 526/1
Fluorinated Polyurethanes.
PATENT-4 477 643 **10**-*522,166* Not available NTIS

AD-D011 527/9
Rubber Modified Epoxy Adhesive.
PATENT-4 476 285 **10**-*522,069* Not available NTIS

AD-D011 528/7
ECM Multiple-Target Retrodirective Antenna.
PATENT-4 472 719 **11**-*524,916* Not available NTIS

AD-D011 529/5
Rotating Squid Magnetometers and Gradiometers.
PATENT-4 489 274 **10**-*522,504* Not available NTIS

AD-D011 535/2
Combined Microwave Parallel Amplifier-RF Attenuator/Modulator.
PATENT-4 477 781 **10**-*522,009* Not available NTIS

AD-D011 536/0
Process for Making a Heterojunction Source-Drain Insulated Gate Field-Effect Transistors Utilizing Diffusion to Form the Lattice.
PATENT-4 468 851 **11**-*524,211* Not available NTIS

AD-D011 539/4
Betatron Accelerator Having High Ratio of Budker Parameter to Relativistic Factor.
PATENT-4 481 475 **11**-*525,426* Not available NTIS

AD-D011 540/2
Atmospheric Transmissometer.
PATENT-4 469 443 **11**-*524,815* Not available NTIS

AD-D011 541/0
High Resolution Diffraction Grating.
PATENT-4 475 792 **11**-*525,381* Not available NTIS

AD-D011 542/8
Lithium-6 Coated Wire Mesh Neutron Detector.
PATENT-4 481 421 **11**-*525,037* Not available NTIS

AD-D011 547/7
Integrated Wheelchair and Ambulator.
PATENT-4 456 086 **10**-*521,590* Not available NTIS

AD-D011 548/5
Method for Determining in situ the Absorption Coefficient of Particulate Media Using Pulsed Laser Technique.
PATENT-4 475 816 **10**-*522,502* Not available NTIS

AD-D011 551/9
Temperature-Insensitive Optical Fibers.
PATENT-4 482 205 **11**-*525,382* Not available NTIS

AD-D011 552/7
Piezoelectric Transducer Using Electrically Poled Gamma-Phase Nylon 11.
PATENT-4 486 683 **10**-*522,167* Not available NTIS

AD-D011 559/2
Tactical Expendable Device.
PATENT-4 473 896 **11**-*524,866* Not available NTIS

AD-D011 560/0
Digital Coherent Detector.
PATENT-4 468 794 **10**-*522,007* Not available NTIS

AD-D011 564/2
Pseudo Atmospheric Noise Generator having Variable Amplitude Probability Distributions and Discharge Fine Structure.
PATENT-4 470 022 **10**-*522,008* Not available NTIS

AD-D011 565/9
Deep Submergence Vehicle (DSV) Lightweight Cable Cutter.
PATENT-4 463 496 **10**-*522,416* Not available NTIS

AD-D011 566/7
Method of Making an Undersea, High Pressure Bulkhead Penetrator for Use with Fiber Optic Cables.
PATENT-4 469 399 **11**-*524,752* Not available NTIS

AD-D011 567/5
Current Stabilized Underwater Platform.
PATENT-4 462 330 **11**-*524,751* Not available NTIS

AD-D011 568/3
Low Temperature Deposition of Nickel Films.
PATENT-4 478 890 **10**-*522,388* Not available NTIS

AD-D011 601/2
Real Time Data Smoother and Significant Values Selector.
PATENT-4 493 047 **14**-*531,692* Not available NTIS

AD-D011 602/0
Switching Mixer.
PATENT-4 492 960 **14**-*531,719* Not available NTIS

AD-D011 603/8
Phase-Lock Fiber Optic Interferometer.
PATENT-4 486 657 **14**-*532,276* Not available NTIS

AD-D011 604/6
Wave Powered Buoy Generator.
PATENT-4 492 875 **14**-*531,803* Not available NTIS

AD-D011 605/3
Polarimetric Image Recorder.
PATENT-4 490 016 **14**-*532,303* Not available NTIS

AD-D011 606/1
Interference Suppressor for Radar MTI.
PATENT-4 489 320 **14**-*532,411* Not available NTIS

AD-D011 607/9
Optical Non-Line-of-Sight Covert, Secure High Data Communication System.
PATENT-4 493 114 **14**-*532,389* Not available NTIS

AD-D011 608/7
Wavelength Multiplexer-Demultiplexer.
PATENT-4 483 582 **14**-*532,388* Not available NTIS

AD-D011 609/5
Torso Restraint System.
PATENT-4 488 691 **14**-*530,781* Not available NTIS

AD-D011 610/3
Solid State Hydrogen Pumping and Storage Material.
PATENT-4 489 049 **14**-*532,823* Not available NTIS

AD-D011 611/1
Fluorinated Polyesters.
PATENT-4 482 702 **14**-*531,903* Not available NTIS

AD-D011 612/9
Elevator/Hatch Controller Platform Leveling Logic with Safety Features.
PATENT-4 487 293 **14**-*532,209* Not available NTIS

AD-D011 613/7
Deep Ocean Wide Band Acoustic Baffle.
PATENT-4 488 271 **14**-*532,372* Not available NTIS

AD-D011 614/5
Optically Triggered Transferred-Electron Device Microwave Burst and Single Pulse Generators.
PATENT-4 481 485 **14**-*531,654* Not available NTIS

AD-D011 615/2
Sonobuoy Float Inflation and Depth Selection Initiators.
PATENT-4 493 664 **14**-*532,210* Not available NTIS

AD-D011 616/0
Dual Electrochemical System.
PATENT-4 495 256 **14**-*531,804* Not available NTIS

AD-D011 617/8
Dual Species Ion Implantation of Ternary Compounds Based on In-Ga-As.
PATENT-4 494 995 **14**-*532,730* Not available NTIS

AD-D011 660/8
Bandpass Filter Formed by Serial Gratings Operating in a Wood's Anomaly Region.
PATENT-4 502 756 **16**-*536,780* Not available NTIS

AD-D011 665/7
Method for Predicting the Performance of Cathode Materials.
PATENT-4 492 866 **17**-*537,903* Not available NTIS

AD-D011 666/5
Quasioptical Gyroklystron.
PATENT-4 491 765 **17**-*537,902* Not available NTIS

AD-D011 667/3
Low-Profile Fastener.
PAT-APPL-6-704 124 **17**-*538,601* PC **A02**/MF **A01**

AD-D011 668/1
Opacity Control Technique for Jet Engine Test Cells.
PAT-APPL-6-705 760 **17**-*538,722* PC **A02**/MF **A01**

AD-D011 669/9
Optical 3-D Signature Device for Detecting Chemical Agents.
PAT-APPL-6-676 044 **17**-*538,743* PC **A03**/MF **A01**

AD-D011 670/7
Pivotable Support for Rescue Hoist.
PAT-APPL-6-662 122 **17**-*537,520* PC **A02**/MF **A01**

AD-D011 671/5
Air Bag Restraint System.
PATENT-4 508 294 **17**-*537,016* Not available NTIS

AD-D011 672/3
Geomagnetic Velocimeter.
PATENT-4 509 131 **17**-*537,036* Not available NTIS

AD-D011 673/1
Heterojunction Schottky Gate Mesfet with Lower Channel Ridge Barrier.
PATENT-4 499 481 **17**-*537,906* Not available NTIS

AD-D011 674/9
Fiber Optic Sensors Operating at DC.
PATENT-4 495 411 **17**-*538,724* Not available NTIS

AD-D011 676/4
Transversely Reinforced Piezoelectric Composites.
PAT-APPL-6-684 529 **17**-*538,211* PC **A02**/MF **A01**

AD-D011 677/2
Expedient Runway Surfacing with Post Tensioning System for Expeditionary Airfields.
PAT-APPL-6-702 091 **17**-*537,042* PC **A02**/MF **A01**

AD-D011 678/0
Polyethylene Imine-Metal Salt Solid Electrolyte.
PAT-APPL-6-706 811 **17**-*538,180* PC **A02**/MF **A01**

AD-D011 679/8
Orthogonalizer for Inphase and Quadrature Digital Data.
PATENT-4 489 392 **17**-*538,018* Not available NTIS

AD-D011 680/6
Dual Sense, Circularly Polarized Helical Antenna.
PATENT-4 494 117 **17**-*538,019* Not available NTIS

AD-D011 681/4
Controlled-Linewidth Laser Source.
PATENT-4 503 541 **17**-*539,332* Not available NTIS

AD-D011 682/2
Thermo-Electric Valve.
PATENT-4 498 491 **17**-*538,651* Not available NTIS

AD-D011 683/0
Frequency-Spreading Coupler.
PATENT-4 496 876 **17**-*537,905* Not available NTIS

AD-D011 684/8
Processable and Stable Conductive Polymers.
PAT-APPL-6-690 015 **17**-*538,301* PC **A02**/MF **A01**

AD-D011 685/5
Selective Detection of Species in Complex Matrices by SIMS (Secondary Ion Mass Spectrometry).
PAT-APPL-6-698 476 **17**-*537,703* PC **A03**/MF **A01**

AD-D011 686/3
Magnetically-Localizable, Polymerized Lipid Vesticles and Method of Disrupting Same.
PAT-APPL-6-714 711 **17**-*537,558* PC **A02**/MF **A01**

AD-D011 687/1
Self-Aligned GaAs FET with Low 1/f Noise.
PAT-APPL-6-709 476 **17**-*537,899* PC **A02**/MF **A01**

AD-D011 688/9
Physiochemically Controlled Scour Jet Array System.
PATENT-4 506 686 **17**-*538,472* Not available NTIS

AD-D011 689/7
Fiber Optic Gyroscope with Alternating Output Signal.
PATENT-4 491 413 **17**-*538,813* Not available NTIS

AD-D011 690/5
Gyrotron Traveling-Wave Device Including Quarter Wavelength Anti-Reflective Dielectric Layer to Enhance Microwave Absorption.
PATENT-4 494 039 **17**-*537,904* Not available NTIS

AD-D011 691/3
Optical Waveguide Sensor for Methane Gas.
PAT-APPL-6-709 251 **17**-*538,723* PC **A03**/MF **A01**

AD-D011 692/1
High Accuracy Digital Acousto-Optic Matrix Computer.
PAT-APPL-6-704 454 **17**-*537,956* PC **A02**/MF **A01**

AD-D011 693/9
Thrust Vectoring Apparatus for Maneuvering Missile in Flight.
PAT-APPL-6-665 866 **17**-*538,779* PC **A02**/MF **A01**

AD-D011 694/7
Wear Improvement in Titanium Alloys by Ion Implantation.

PAT-APPL-6-657 115 17-538,278 PC A02/MF A01

AD-D011 695/4
Optical Injection Locking of Solid-State Oscillators by Frequency-Multiplexed Injection-Locked, Laser Diodes.
PATENT-4 503 403 17-537,907 Not available NTIS

AD-D011 696/2
Thermochemical Energy Transport Using a Hydrogen Rich Working Fluid.
PATENT-4 484 618 17-537,704 Not available NTIS

AD-D011 697/0
Balanced System for Ranging and Synchronization between Satellite Pairs.
PATENT-4 494 211 17-538,790 Not available NTIS

AD-D011 698/8
Method of Reducing Impurity and Antisite Defects in Semiconductor Crystal Materials, and Device and Apparatus Respectively Produced from and Utilizing Same.
PAT-APPL-6-714 666 17-539,279 PC A02/MF A01

AD-D011 699/6
High Switching Speed Electrically Tuned Microwave Magnetic Resonance Devices.
PAT-APPL-6-684 207 17-538,015 PC A02/MF A01

AD-D011 700/2
BN (Boron Nitrates) Coating of Ceramic Fibers for Ceramic Fiber Composites.
PAT-APPL-6-700 246 17-538,203 PC A02/MF A01

AD-D011 701/0
Analog Frequency Modulated Laser Using Magnetostriction.
PAT-APPL-6-715 786 17-539,330 PC A02/MF A01

AD-D011 740/8
Improved Ship Deck Lifeline.
PAT-APPL-6-577 437 22-550,793 PC A02/MF A01

AD-D011 741/6
Ion Beam Neutralizer.
PAT-APPL-6-666 597 22-551,503 PC A02/MF A01

AD-D011 742/4
Parallel Local Interface Bus.
PAT-APPL-6-677 136 22-550,253 PC A02/MF A01

AD-D011 743/2
Improved Arresting and Recovery System for Test Missiles.
PAT-APPL-6-637 238 22-550,916 PC A02/MF A01

AD-D011 744/0
Constant Rise AGC (Automatic Gain Control) Device.
PAT-APPL-6-715 992 22-550,293 PC A02/MF A01

AD-D011 745/7
Extended Precision in Video Bandwidth Analog to Digital Converter Using Optical Techniques.
PAT-APPL-6-717 365 22-550,294 PC A02/MF A01

AD-D011 746/5
AIRBOC (Air Rapid Bloom Offboard Chaff) Chaff Deployment System.
PAT-APPL-6-718 399 22-550,945 PC A02/MF A01

AD-D011 747/3
Chemical Bonding Agent for Suppression of 'Rusty Bolt' Intermodulation Interference.
PAT-APPL-6-726 563 22-550,187 PC A02/MF A01

AD-D011 748/1
Rusty Bolt Intermodulation Interference Reducer.
PAT-APPL-6-722 579 22-550,024 PC A02/MF A01

AD-D011 749/9
Passivation of Steel with Aqueous Amine Solutions.
PAT-APPL-6-729 849 22-550,474 PC A02/MF A01

AD-D011 750/7
Original Method of Drydocking Ships.
PAT-APPL-6-731 700 22-550,794 PC A02/MF A01

AD-D011 751/5
High Output Programmable Signal Current Source for Low Output Impedance Applications.
PAT-APPL-6-732 330 22-550,295 PC A02/MF A01

AD-D011 752/3
Marginal Terrain Straddle-Lift Container Handler.
PAT-APPL-6-718 762 22-550,730 PC A03/MF A01

AD-D011 810/9
Low Temperature Inflator Apparatus.
PAT-APPL-6-729 725 24-555,101 PC A02/MF A01

AD-D011 811/7
Laser Vibrometer.
PAT-APPL-6-645 888 24-556,149 PC A02/MF A01

AD-D011 812/5
Phase-Coded Pulse Expander-Compressor.
PATENT-4 509 051 24-556,225 Not available NTIS

AD-D011 813/3
Amplitude and Phase Modulation in Fin-Lines Electrical Tuning.
PATENT-4 506 234 24-555,478 Not available NTIS

AD-D011 814/1
Device for Cryogenically Fabricating Source Material for Plasma X-ray Lasers.
PATENT-4 508 055 24-556,662 Not available NTIS

AD-D011 815/8
P-N Junction Controlled Field Emitter Array Cathode.
PATENT-4 513 308 24-555,479 Not available NTIS

AD-D011 816/6
Spatial Frequency Multiplexed Coherent Optical Processor for Calculating Generalized Moments.
PATENT-4 505 544 24-555,544 Not available NTIS

AD-D011 817/4
Phase Coded Pulse Expander-Compressor.
PATENT-4 524 362 24-556,227 Not available NTIS

AD-D011 818/2
W-Shaped Diffused Stripe GaAs/AlGaAs (Gallium Arsenide/Aluminium Gallium Arsenide) Laser.
PATENT-4 521 867 24-556,664 Not available NTIS

AD-D011 819/0
Precise Bearing Support Ditherer with Piezoelectric Drive Means.
PATENT-4 523 120 24-556,080 Not available NTIS

AD-D011 820/8
Generation of a Modulated !REB (Intense Relativistic Electron Beam) with a Frequency Tunable by a Magnetic Field.
PAT-APPL-6-752 867 24-556,777 PC A02/MF A01

AD-D011 821/6
Epoxy Phthalonitrile Polymers.
PAT-APPL-6-749 705 24-555,797 PC A02/MF A01

AD-D011 822/4
Enhancement of Specific Antibody Production with Anti-IgD Antibodies.
PAT-APPL-6-749 681 24-555,045 PC A02/MF A01

AD-D011 823/2
TiW Diffusion Barrier for AuZn Ohmic Contacts to P-Type InP.
PAT-APPL-6-749 238 24-555,477 PC A03/MF A01

AD-D011 824/0
Method of Preparing Tetrahydrofuran.
PAT-APPL-6-748 871 24-555,259 PC A02/MF A01

AD-D011 825/7
Liquid Phase Epitaxy (LPE) of Silicon Carbide.
PAT-APPL-6-741 784 24-556,609 PC A02/MF A01

AD-D011 826/5
Suspension Method of Impregnating Active Material into Composite Nickel Plaque.
PAT-APPL-6-740 115 24-555,476 PC A02/MF A01

AD-D011 827/3
High Current Fiber Brush Collector and Method for Making Same.
PAT-APPL-6-729 761 24-555,576 PC A02/MF A01

AD-D011 828/1
Dual Drain MOSFET Detector for Crosstie Memory Systems.
PAT-APPL-6-714 775 24-555,542 PC A02/MF A01

AD-D011 829/9
Optical Sensing Devices.
PATENT-4 522 495 24-556,224 Not available NTIS

AD-D011 830/7
Fiber Optic System for Measuring Electric Fields.
PATENT-4 524 322 24-556,159 Not available NTIS

AD-D011 831/5
Demountable Coaxial Electrical Connector for In-Line Amplifiers.
PATENT-4 525 013 24-555,480 Not available NTIS

AD-D011 832/3
Method and Apparatus for the Detection of Toxicants.
PATENT-4 513 280 24-556,156 Not available NTIS

AD-D011 833/1
Pulse Compression System.
PATENT-4 521 779 24-555,582 Not available NTIS

AD-D011 834/9
Reversible Optical Waveguide Vapor Sensor.
PATENT-4 513 087 24-556,155 Not available NTIS

AD-D011 835/6
Low Sidelobe, High Efficiency Mirror Antenna with Twist Reflector.
PATENT-4 504 835 24-555,592 Not available NTIS

AD-D011 836/4
Infrared Optical Measurement of Blood Gas Concentrations and Fiber Optic Catheter.
PATENT-4 509 522 24-555,131 Not available NTIS

AD-D011 837/2
Test Device for Expendable Bathythermograph Set (XBT).
PATENT-4 518 915 24-555,450 Not available NTIS

AD-D011 838/0
P1 Polyphase Code Expander-Compressor.
PATENT-4 513 289 24-556,226 Not available NTIS

AD-D011 839/8
P2 Polyphase Code Expander-Compressor.
PATENT-4 524 363 24-556,228 Not available NTIS

AD-D011 840/6
Picosecond Broadband CARS (Coherent Antistokes Raman Spectroscopy) Probe Using the Picosecond Continuum.
PATENT-4 512 660 24-555,340 Not available NTIS

AD-D011 841/4
Recovery of Fragile Layers Produced on Substrates by Chemical Vapor Deposition.
PATENT-4 512 825 24-556,611 Not available NTIS

AD-D011 842/2
Method for the Deposition of High-Quality Crystal Epitaxial Films of Iron.
PATENT-4 508 590 24-556,610 Not available NTIS

AD-D011 843/0
Laser Generation of Ultrasonic Waveform Reconstructions.
PATENT-4 523 469 24-556,158 Not available NTIS

AD-D011 844/8
Programmable Multichannel Sonobuoy Transmitter.
PAT-APPL-6-622 368 24-556,199 PC A02/MF A01

AD-D011 845/5
Technique for the Reduction of Fading in Interferometers.
PAT-APPL-6-722 580 24-556,680 PC A02/MF A01

AD-D011 866/1
Method for Melt-Coating a Surface.
PAT-APPL-6-750 218 26-561,184 PC A02/MF A01

AD-D011 867/9
Integrated Wavelength Demultiplexer.
PAT-APPL-6-750 630 26-560,730 PC A03/MF A01

AD-D011 868/7
Oil/Water Disperser Device for Use in an Oil Content Monitor/Control System.
PAT-APPL-6-751 347 26-561,060 PC A02/MF A01

AD-D011 869/5
Time Resolved Extended X-Ray Absorption Fine Structure Spectrometer.
PAT-APPL-6-734 986 26-561,286 PC A02/MF A01

AD-D011 870/3
Expendable Bathythermograph for Measuring Light Attenuation and Temperature Below the Ocean Surface.
PAT-APPL-6-744 084 26-560,645 PC A02/MF A01

AD-D011 871/1
Oil Content Monitor/Control System and Method.
PAT-APPL-6-751 346 26-561,059 PC A02/MF A01

AD-D011 872/9
Remote Optical Crack Sensing System.
PAT-APPL-6-660 349 26-561,285 PC A02/MF A01

AD-D011 873/7
Gas Recirculator for Acyclic Machines.
PAT-APPL-6-737 753 26-560,959 PC A02/MF A01

AD-D011 874/5
Variable Temperature Trap.
PAT-APPL-6-747 220 26-561,287 PC A02/MF A01

AD-D011 875/2
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PAT-APPL-6-745 738 26-561,205 PC A02/MF A01

AD-D011 876/0
Passive Arm Retention Curtain.
PAT-APPL-667 685 26-559,998 PC A02/MF A01

AD-D011 877/8
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PAT-APPL-6-719 403 26-560,663 PC A02/MF A01

AD-D011 883/6
Optoelectronic Integrated Circuit Multiplier.
PAT-APPL-6-746 704 26-561,721 PC A03/MF A01

AD-D011 884/4
Computer-Aided Process for Generating Camera-Ready Graphical Artwork.
PAT-APPL-6-528 710 26-560,697 PC A03/MF A01

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PAT-APPL-6-748 094 26-561,168 PC A02/MF A01

AD-D011 886/9
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PAT-APPL-6-749 340 26-561,288 PC A02/MF A01

AD-D011 887/7
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PAT-APPL-6-739 355 26-560,524 PC A02/MF A01

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PAT-APPL-6-725 710 26-561,212 PC A02/MF A01

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Apparatus for Generating a Focusable and Scannable Ultrasonic Beam for Non-Destructive Examination.
PAT-APPL-6-528 708 17-538,720 PC A02/MF A01

PAT-APPL-6-061 975
Current Stabilized Underwater Platform.
PATENT-4 462 330 11-524,751 Not available NTIS

PAT-APPL-6-062 835
Integrated Wheelchair and Ambulator.
PATENT-4 456 086 10-521,590 Not available NTIS

PAT-APPL-6-063 605
Adjustable Container Bulkhead Assembly.
PATENT-4 334 812 03-506,719 Not available NTIS

PAT-APPL-6-121 937
Method for Determining in situ the Absorption Coefficient of Particulate Media Using Pulsed Laser Technique.
PATENT-4 475 816 10-522,502 Not available NTIS

PAT-APPL-6-132 463
Hybrid Shaped-Charge/Kinetic/Energy Penetrator.
PATENT-4 463 678 03-507,241 Not available NTIS

PAT-APPL-6-142 951
Wavelength Multiplexer-Demultiplexer.
PATENT-4 483 582 14-532,388 Not available NTIS

PAT-APPL-6-143 399
Pulse Compression System.
PATENT-4 521 779 24-555,582 Not available NTIS

PAT-APPL-6-214 839
Rotating Squid Magnetometers and Gradiometers.
PATENT-4 489 274 10-522,504 Not available NTIS

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Transmission Line Biased Coherent Array of Josephson Oscillators.
PATENT-4 468 635 03-506,228 Not available NTIS

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Coherent Array of Josephson Oscillators with External Bias Leads.
PATENT-4 470 023 03-506,229 Not available NTIS

PAT-APPL-6-265 129
Passive Maser Using Timesharing for Control of the Cavity and Control of the Oscillator on the Line of Stimulated Emission.
PATENT-4 449 105 03-507,330 Not available NTIS

PAT-APPL-6-269 455
Analog to Digital Converter.
PATENT-4 471 340 03-506,230 Not available NTIS

PAT-APPL-6-270 747
Dual-Gate MESFET Variable Gain Constant Output Power Amplifier.
PATENT-4 456 889 03-506,225 Not available NTIS

PAT-APPL-6-286 099
External Cavity Diode Laser Sensor.
PATENT-4 452 533 03-506,811 Not available NTIS

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PATENT-4 489 320 14-532,411 Not available NTIS

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PATENT-4 486 683 10-522,167 Not available NTIS

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Process for Making a Heterojunction Source-Drain Insulated Gate Field-Effect Transistors Utilizing Diffusion to Form the Lattice.
PATENT-4 468 851 11-524,211 Not available NTIS

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PATENT-4 509 522 24-555,131 Not available NTIS

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PATENT-4 469 399 11-524,752 Not available NTIS

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PATENT-4 468 794 10-522,007 Not available NTIS

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Switching Mixer.
PATENT-4 492 960 14-531,719 Not available NTIS

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Phanton Computer Gating System.
PATENT-4 459 935 10-522,574 Not available NTIS

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Optically Triggered Transferred-Electron Device Microwave Burst and Single Pulse Generators.
PATENT-4 481 485 14-531,654 Not available NTIS

PAT-APPL-6-347 219
Compact Wideband Multiple Conductor Monopole Antenna.
PATENT-4 466 003 03-506,227 Not available NTIS

PAT-APPL-6-355 952
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PATENT-4 476 549 11-525,326 Not available NTIS

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PATENT-4 491 413 17-538,813 Not available NTIS

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PATENT-4 448 000 03-507,329 Not available NTIS

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PATENT-4 493 664 14-532,210 Not available NTIS

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PATENT-4 513 289 24-556,226 Not available NTIS

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PATENT-4 484 618 17-537,704 Not available NTIS

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PATENT-4 473 896 11-524,866 Not available NTIS

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PATENT-4 481 421 11-525,037 Not available NTIS

PAT-APPL-6-382 850
Phase-Lock Fiber Optic Interferometer.
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PAT-APPL-6-383 429
Geomagnetic Velocimeter.
PATENT-4 509 131 17-537,036 Not available NTIS

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Remote Self-Contained Undersea Monitor.
PATENT-4 480 323 11-524,826 Not available NTIS

PAT-APPL-6-386 154
Lightweight Neutron Detector.
PATENT-4 463 264 11-525,036 Not available NTIS

PAT-APPL-6-386 465
Solid State Hydrogen Pumping and Storage Material.
PATENT-4 489 049 14-532,823 Not available NTIS

PAT-APPL-6-386 828
Orthogonalizer for Inphase and Quadrature Digital Data.
PATENT-4 489 392 17-538,018 Not available NTIS

PAT-APPL-6-387 133
Spatial Frequency Multiplexed Coherent Optical Processor for Calculating Generalized Moments.
PATENT-4 505 544 24-555,544 Not available NTIS

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Dual Band, Low Sidelobe, High Efficiency Mirror Antenna.
PATENT-4 471 359 03-506,231 Not available NTIS

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Low Sidelobe, High Efficiency Mirror Antenna with Twist Reflector.
PATENT-4 504 835 24-555,592 Not available NTIS

PAT-APPL-6-391 624
Pseudo Atmospheric Noise Generator having Variable Amplitude Probability Distributions and Discharge Fine Structure.
PATENT-4 470 022 10-522,008 Not available NTIS

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Directional Line-Hydrophone Array Calibrator.
PATENT-4 468 760 03-506,872 Not available NTIS

PAT-APPL-6-395 431
Polarimetric Image Recorder.
PATENT-4 490 016 14-532,303 Not available NTIS

PAT-APPL-6-399 519
Dual Sense, Circularly Polarized Helical Antenna.
PATENT-4 494 117 17-538,019 Not available NTIS

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PATENT-4 464 739 03-506,871 Not available NTIS

PAT-APPL-6-402 403
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PATENT-4 475 792 11-525,381 Not available NTIS

PAT-APPL-6-405 465
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PATENT-4 481 475 11-525,426 Not available NTIS

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PATENT-4 452 998 03-506,365 Not available NTIS

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PATENT-4 464 065 03-506,812 Not available NTIS

PAT-APPL-6-414 129
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PATENT-4 491 765 17-537,902 Not available NTIS

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W-Shaped Diffused Stripe GaAs/AlGaAs (Gallium Arsenide/Aluminium Gallium Arsenide) Laser.
PATENT-4 521 887 24-556,664 Not available NTIS

PAT-APPL-6-420 209
Phase-Coded Pulse Expander-Compressor.
PATENT-4 509 051 24-556,225 Not available NTIS

PAT-APPL-6-421 766
P-N Junction Controlled Field Emitter Array Cathode.
PATENT-4 513 308 24-555,479 Not available NTIS

PAT-APPL-6-422 122
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PATENT-4 496 876 17-537,905 Not available NTIS

PAT-APPL-6-431 865
Bandpass Filter Formed by Serial Gratings Operating in a Wood's Anomaly Region.
PATENT-4 502 756 16-536,780 Not available NTIS

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PATENT-4 468 766 03-507,353 Not available NTIS

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PATENT-4 482 205 11-525,382 Not available NTIS

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Gyrotron Traveling-Wave Device Including Quarter Wavelength Anti-Reflective Dielectric Layer to Enhance Microwave Absorption.
PATENT-4 494 039 17-537,904 Not available NTIS

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Superlattice Ultrasonic Wave Generator.
PATENT-4 469 977 03-507,256 Not available NTIS

PAT-APPL-6-437 092
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PATENT-4 404 244 03-505,309 Not available NTIS

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PATENT-4 495 411 17-538,724 Not available NTIS

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PATENT-4 463 496 10-522,416 Not available NTIS

PAT-APPL-6-440 685
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PATENT-4 469 536 03-506,444 Not available NTIS

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PATENT-4 524 322 24-556,159 Not available NTIS

PAT-APPL-6-444 139
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PATENT-4 494 211 17-538,790 Not available NTIS

PAT-APPL-6-446 284
Wave Powered Buoy Generator.
PATENT-4 492 875 14-531,803 Not available NTIS

PAT-APPL-6-451 893
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PATENT-4 452 624 03-506,364 Not available NTIS

PAT-APPL-6-453 444
Torso Restraint System.
PATENT-4 488 691 14-530,781 Not available NTIS

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Lightweight, Broadband Rayleigh Wave Transducer.
PATENT-4 462 256 03-506,071 Not available NTIS

PAT-APPL-6-459 073
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PATENT-4 523 469 24-556,158 Not available NTIS

PAT-APPL-6-462 493
Reversible Optical Waveguide Vapor Sensor.
PATENT-4 513 087 24-556,155 Not available NTIS

PAT-APPL-6-463 103
Test Device for Expendable Bathythermograph Set (XBT).
PATENT-4 518 915 24-555,450 Not available NTIS

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Combined Microwave Parallel Amplifier-RF Attenuator/Modulator.
PATENT-4 477 781 10-522,009 Not available NTIS

PAT-APPL-6-471 083
Dual Species Ion Implantation of Ternary Compounds Based on In-Ga-As.
PATENT-4 494 995 14-532,730 Not available NTIS

PAT-APPL-6-471 417
Rubber Modified Epoxy Adhesive.
PATENT-4 476 285 10-522,069 Not available NTIS

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PATENT-4 487 293 14-532,209 Not available NTIS

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Recovery of Fragile Layers Produced on Substrates by Chemical Vapor Deposition.
PATENT-4 512 825 24-556,611 Not available NTIS

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PATENT-4 512 660 24-555,340 Not available NTIS

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PAT-APPL-6-490 827
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PATENT-4 508 294 17-537,016 Not available NTIS

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PATENT-4 492 866 17-537,903 Not available NTIS

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PATENT-4 508 055 24-556,662 Not available NTIS

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Thermo-Electric Valve.
PATENT-4 498 491 17-538,651 Not available NTIS

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PATENT-4 506 234 **24**-*555,478* Not available NTIS

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PATENT-4 488 271 **14**-*532,372* Not available NTIS

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PATENT-4 456 583 **03**-*505,818* Not available NTIS

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PATENT-4 508 590 **24**-*556,610* Not available NTIS

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PATENT-4 525 013 **24**-*555,480* Not available NTIS

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PATENT-4 506 686 **17**-*538,472* Not available NTIS

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Fluorinated Polyurethanes.
PATENT-4 477 643 **10**-*522,166* Not available NTIS

PAT-APPL-6-617 049
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PATENT-4 523 120 **24**-*556,080* Not available NTIS

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PATENT-4 513 280 **24**-*556,156* Not available NTIS

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PAT-APPL-580 395
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DE85750480 **20**-*546,749* PC **A03**/MF **A01**

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DE85750285 **15**-*534,896* PC **A02**/MF **A01**

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DE85750571 **15**-*534,931* PC **A04**/MF **A01**

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DE85750288 **15**-*534,898* PC **A02**/MF **A01**

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DE85750711 **15**-*534,949* PC **A02**/MF **A01**

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DE85750523 **15**-*534,909* PC **A02**/MF **A01**

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DE85750525 **15**-*534,910* PC **A02**/MF **A01**

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DE85750529 **15**-*534,913* PC **A02**/MF **A01**

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DE85750530 **15**-*534,914* PC **A02**/MF **A01**

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DE85750712 **15**-*534,950* PC **A02**/MF **A01**

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DE85750717 **15**-*535,051* PC **A02**/MF **A01**

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DE85750718 **15**-*535,052* PC **A02**/MF **A01**

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DE85750780 **15**-*535,054* PC **A03**/MF **A01**

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DE85750531 **15**-*534,915* PC **A02**/MF **A01**

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DE85750782 **15**-*534,828* PC **A02**/MF **A01**

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DE85750786 **15**-*534,956* PC **A03**/MF **A01**

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DOE/R7/01036-T1
Enterprise Solar Air to Rock/Wood Assisted Heating System.
DE84007741 **02**-*504,178* PC **A04**/MF **A01**

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DE85901094 **14**-*532,432* PC **A07**/MF **A01**

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(NASA-CR-171183)
N85-10164/0 **03**-*507,604* PC **A02**/MF **A01**

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(NASA-CR-171596)
N85-32130/5 **24**-*556,463* PC **A08**/MF **A01**

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DE85008987 **17**-*538,040* PC **A02**/MF **A01**

EASTERN SHORE COMMUNITY DEVELOPMENT GROUP, INC., ONANCOCK, VA.

Improved Quality of Life through Support Services as Provided at the Accomack Senior Village.
SHR-0011760 **01**-*500,311* PC **A03**/MF **A01**

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Evaluation of Trained Visible Emission Observers for Fugitive Emission Opacity Measurement.
(EPA/600/3-84/093)
PB85-115152 **03**-*506,675* PC **A03**/MF **A01**

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Paleoenvironmental Investigations at Seed Cave (Windust Cave H-45FR46), Franklin County, Washington.
AD-A154 777/7 **18**-*539,789* PC **A04**/MF **A01**

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Further Investigations of Goldfish in Eastern Washington Lakes and Evaluation of Electrofishing as a Tool for Conducting Removal Operations.
(USGS/G-876(07))
PB85-215085 **20**-*544,768* PC **A02**/MF **A01**

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DE84005276 **02**-*504,389* PC **A02**/MF **A01**

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DE85006655 **13**-*529,713* PC **A17**/MF **A01**

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(TACOM-TR-13042)
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(GRI-84/0213)
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DE85010339 **17**-*537,220* PC **A13**/MF **A01**

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DE85007852 **15**-*533,934* PC **A05**/MF **A01**

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(MA-RD-760-84040)
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(NSWC-TR-84-25, SBI-AD-F350-044)
AD-A158 469/7 **25**-*559,974* PC **A05**/MF **A01**

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(DOT-HS-806-579)
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Eckerd College Energy Systems Project. Final Technical Report.
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EA-26-8403-02
Aids to Navigation Systems and Meeting Traffic.
(USCG-D-19-85)
AD-A157 905/1 **24**-*556,219* PC **A07**/MF **A01**

EA-83-U-166
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(USCG-D-03-84)
AD-A148 366/8 **05**-*512,181* PC **A08**/MF **A01**

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AD-A146 789/3 **02**-*504,576* PC **A07**/MF **A01**

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EA-85-U-305
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EA-85-U-326
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Improved Lithium-Intercalation Cathode Material.
AD-A149 319/6 **08**-*516,374* PC **A02**/MF **A01**

Safe, High-Power-Density Lithium Battery.
AD-A155 223/1 **19**-*543,148* PC **A03**/MF **A01**

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Delivering Municipal Services Efficiently. A Comparison of Municipal and Private Service Delivery.
(HUD-0003744)
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FRNC-TH-1905
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DE85751556 **21**-*548,946* PC **A08**/MF **A01**

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Caracterisation de Composites Ceramiques (Characterization of Ceramic Composites).
PB85-172872 **13**-*529,440* PC **E04**/MF **E04**

ECOLE NATIONALE SUPERIEURE D'ARTS ET METIERS, PARIS (FRANCE).

Diffusion des Gaz Rares dans les Polyepoxy (Diffusion of Rare Gases in Polyepoxies).
PB85-172419 **13**-*529,521* PC **E03**/MF **E03**

Reticulats Epoxyde-Amine. Relations Structure-Proprietes (Epoxyde-Amine Crosslinkings - Structure-Property Relationships).
PB85-172427 **13**-*529,522* PC **E05**/MF **E05**

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Etude d'un Deflecteur et d'un Analyseur de Spectre en Optique Integree (Study of a Spectrum Deflector and Analyzer in Integrated Optics).
PB85-216117 **21**-*549,064* PC **E04**/MF **E04**

ECOLE NATIONALE SUPERIEURE DE CHIMIE DE PARIS (FRANCE).

FRNC-TH-1618
Electrochemical Oxidation of Lead in H sub 2 O-H sub 2 SO sub 4 Mixtures: Application to the Negative Electrode Discharge in Load Storage Batteries.
DE85751012 **18**-*540,785* PC **A06**

FRNC-TH-1969
Biomass Thermochemical Liquefaction.
DE85751592 **22**-*551,828* PC **A16**/MF **A01**

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Rapport d'Activite 1983 du Laboratoire de Mecanique et Energetique (Activities Report of the Laboratory of Mechanics and Energetics).
N85-31328/6 **23**-*552,069* PC **A02**/MF **A01**

Etude de Chocs au Moyen d'un Ellipsometre a Deux Faisceaux Laser (Study of Shocks with the Help of an Ellipsometer with Two Laser Beams).
PB85-161693 **11**-*524,820* PC **E05**/MF **E05**

ECOLE NATIONALE SUPERIEURE DE TECHNIQUES AVANCEES, PARIS (FRANCE). LAB. D OPTIQUE APPLIQUEE.

Obturateur a Effet Kerr Optique. Rapport de Synthese Finale (Obturator with Optic Kerr Effect. Final Report).
PB85-137289 **07**-*514,711* PC **E04**/MF **E04**

ECOLE NATIONALE SUPERIEURE DES MINES DE PARIS, EVRY (FRANCE). CENTRE DES MATERIAUX.

Damage Estimation in Carbon Fibre Reinforced Epoxy and Its Influence on Residual Properties.
(AFOSR-TR-85-0135)
AD-A150 878/7 **11**-*524,448* PC **A03**/MF **A01**

Fatigue Cyclique a Chaud de Ceramiques a Base de Silicium (Cyclic Hot Fatigue of Silicon-Base Ceramics).
PB85-140820 **08**-*516,847* PC **E04**/MF **E04**

Mecanique de la Rupture des Materiaux Ceramiques a Renfort Fibreux (Mechanism of Ceramic Material Rupture with Fibrous Reinforcements).
PB85-172831 **12**-*527,068* PC **E05**/MF **E05**

ECOLE NATIONALE SUPERIEURE DES TELECOMMUNICATIONS, PARIS (FRANCE).

DT RCM-83/210
Methodes Parametriques en Traitement du Signal: Modelisations Autoregressive (AR), a Moyenne Ajustee (MA) et Mixte Autoregressive a Moyenne Ajustee (ARMA) (Parametric Models for Signal Processing: Autoregressive (AR), Moving Average (MA) and Mixed Autoregressive with Moving Average (ARMA)).
N85-14028/3 **08**-*516,666* PC **A07**/MF **A01**

ENST-C-84002
Linear Intersecting Codes.
N85-12291/9 **06**-*513,469* PC **A02**/MF **A01**

ENST-C-84003
Modelisation Autoregressive et Classification de Fouillis de Sols (Autoregressive Modeling and the Classification of Land Clutter).
N85-12292/7 **06**-*513,990* PC **A02**/MF **A01**

ENST-E-84005
Etude sur la Conversion et le Test de Protocols (Study on the Conversion and Test of Protocols).
N85-12293/5 **06**-*513,978* PC **A07**/MF **A01**

ENST-83E015
Etude d'UN Recepteur a Etalement de Spectre a Faible Debit (Study of a Low Rate Spread Spectrum Receiver).
N85-31354/2 **23**-*553,770* PC **A09**/MF **A01**

ENST-83E016
Multiplexage Optique sur Fibres Monomodes (Optical Multiplexing on Monomode Fibers).
N85-31982/0 **23**-*553,780* PC **A06**/MF **A01**

ENST-84C004
Speech Analysis by Parametric Methods: A Survey.
N85-18251/7 **12**-*527,654* PC **A03**/MF **A01**

ENST-84D001
Methodes Parametriques en Traitement du Signal: Modelisations Autoregressive (AR), a Moyenne Ajustee (MA) et Mixte Autoregressive a Moyenne Ajustee (ARMA) (Parametric Models for Signal Processing: Autoregressive (AR), Moving Average (MA) and Mixed Autoregressive with Moving Average (ARMA)).
N85-14028/3 **08**-*516,666* PC **A07**/MF **A01**

ENST-84D002
Rapport Scientifique du Departement Systemes et Communications (Scientific Report of the Department of Systems and Communications).
N85-31355/9 **23**-*553,771* PC **A06**/MF **A01**

ENST-84D003
Un Vocodeur a Classification: Transmission de Parole a Tres Faible Debit Par Quantification Vectorielle du Spectre (A Classification Vcoder: A Very Low Rate Speech Transmission by Vector Quantization of the Spectrum).
N85-31356/7 **23**-*553,772* PC **A03**/MF **A01**

ENST-84E006
Contribution a l'Etude et la Realisation du Reseau Local Multiservices Carthage (Contribution to the Study and Realization of the CARTHAGE Multiservice Local Network).
N85-14595/1 **08**-*516,639* PC **A12**/MF **A01**

ENST-84E007
Experimentation de Techniques de Specification Formelle pour la Conception de Logiciels Fiables et Prouves (Experimental Techniques of Formal Specifications for the Design of Tested and Reliable Computer Programs).
N85-14591/0 **08**-*516,636* PC **A15**/MF **A01**

ENST-84E008
Etude et Realisation d'UN Systeme Doppler Pulse Multi-Porte (128) Directional, a Traitement de Signal Sequentiel (Study and Realization of a Doppler System with Pulsed, Directional, Multiport (128) Emission and Sequential Signal Treatment).
N85-14102/6 **08**-*516,144* PC **A08**/MF **A01**

ENST-84E009
Etude de la Texture des Images des Satellites Meteorologiques Operationnels Noaa 6 et Noaa 7 et sa Variation dans le Temps Application a la Beauce (Image Texture Study for the Operational Meteorological Satellites NOAA 6 and NOAA 7 and Its Variation with Time. Application to the Beauce Region).
N85-14249/5 **08**-*516,630* PC **A08**/MF **A01**

ENST-84E010
Conception et Realisation d'UN Systeme de Poursuite Multi-Radar pour le Controle du Trafic Aerien (Design and Realization of a Multiradar Tracking System for Air Traffic Control).
N85-18044/6 **12**-*527,670* PC **A10**/MF **A01**

ENST-84E011
Etude de Structures Metal - Oxyde - Semiconducteur Par Spectroscopie de Transitoires Capacitifs (Study of Metal Oxide Semiconductor Structures by Capacitive Transient Spectroscopy).
N85-20926/0 **14**-*532,729* PC **A10**/MF **A01**

ENST-84E012
Determination Automatique du Mouvement dans Une Sequence d'Image Interet pour l'Interpretation (Automatic Determination of Motion in an Image Sequence. The Interest for Interpretation).
N85-14592/8 **08**-*516,637* PC **A09**/MF **A01**

ENST-84E013
Annuleur d'Echo Auto-Adaptatif pour la Telephonie (Self-Adaptive Echo Cancellation for Telephony).
N85-31353/4 **23**-*553,769* PC **A10**/MF **A01**

ENST-84E014
Inference en Classification Hierarchique (Inference in Hierarchic Classification).
N85-31873/1 **23**-*552,100* PC **A07**/MF **A01**

ENST-84E015
Les Modeles Arma Multivariables: Une Approche Temporelle au Traitement d'Antenne (Multivariable Autoregressive Moving Average (ARMA) Models: A Time Approach to Antenna Processing).
N85-18252/5 **12**-*526,973* PC **A10**/MF **A01**

ENST-84E016
RESO: Systeme Expert en Reseaux Informatiques d'Entreprises (RESO: Expert System Applied to Company Computer Networks).
N85-31874/9 **23**-*552,070* PC **A11**/MF **A01**

ENST-84E017
Liaisons Par Satellite dans l'Architecture ISO: Modelisation et Evaluation de Performances (Satellite Links in the ISO Architecture: Models and Performance Evaluation).
N85-33284/9 **26**-*561,324* PC **A08**/MF **A01**

ENST-84E018
Systeme d'Archivage Electronique sur un Mini-Calculateur (SM 90): Project Sarde (Electronic File System on an SM 90 Minicomputer: The Sarde Project).
N85-33705/3 **26**-*560,694* PC **A08**/MF **A01**

ENST-84H001
Modelisation Analytique d'un Protocole de Polling (Analytical Modeling of a Polling Protocol).
N85-18029/7 **12**-*527,669* PC **A04**/MF **A01**

ENST-85D001
Un Corpus de Transcriptions Phonetiques: Constitution et Exploitation Statistique (Phonetic Transcription Statistics: Constitution and Statistical Utilization).
N85-33285/6 **26**-*561,325* PC **A04**/MF **A01**

ECOLE NATIONALE VETERINAIRE DE LYON (FRANCE).

AFEE-66-330207
Methane Fermentation of Agricultural Residues. Utilization in Farming.
DE85751225 **20**-*547,119* PC **A04**

ECOLE NORMALE SUPERIEURE, PARIS (FRANCE).

LPTENS-83-23
Infrared Stability of Gauge Theories.
DE85750666 **15**-*535,045* PC **A02**/MF **A01**

ECOLE NORMALE SUPERIEURE, PARIS (FRANCE). LAB. DE GEOLOGIE.

Caracterisation de Materiaux Silicates Ayant Subi une Onde de Choc (Characterization of Silicate Materials Having Experienced a Shockwave).
PB85-144541 **08**-*516,848* PC **E04**/MF **E04**

ECOLE NORMALE SUPERIEURE, PARIS (FRANCE). LAB. DE NEUROBIOLOGIE.

Biologie Moleculaire de l'Acetylcholinesterase (Molecular Biology of Acetyl Cholinesterase).
PB85-200335 **20**-*544,746* PC **E04**/MF **E04**

ECOLE NORMALE SUPERIEURE, PARIS (FRANCE). LAB. DE PHYSIQUE.

Precise Determination of the S and P Quantum Defects in Sodium and Cesium by Millimeter and Submillimeter Spectroscopy between Rydberg States.
PB85-130417
08-*516,442*
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ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (SWITZERLAND). INST. DE CHIMIE PHYSIQUE.

NP-4770437
Photochemical Decomposition of Water.
DE84770437 **01**-*502,703* PC **A09**/MF **A01**

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EP-CM-RA-1982
1982. Annual Progress Report (for the Ecole Polytechnique, Palaiseau, France).
DE84751402 **03**-*506,533* PC **A02**/MF **A01**

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DE84751401 **03**-*506,532* PC **A03**/MF **A01**

ECOLE POLYTECHNIQUE, PALAISEAU (FRANCE). CENTRE DE PHYSIQUE THEORIQUE.

FRNC-R-82
Polarization Effects of Supersymmetric QCD in Large-Psub(T) Direct Photon Production.
DE85750537 **15**-*534,918* PC **A02**/MF **A01**

ECOLE POLYTECHNIQUE, PALAISEAU (FRANCE). LAB. DE PHYSIQUE NUCLEAIRE ET DES HAUTES ENERGIES.

LPNHEX-T-84-01
Nuclear Effect Study on Nucleon Structure Functions, in Comparison with Antineutrino Interactions on Neon and Deuterium.
DE85751935 **25**-*559,621* PC **A08**/MF **A01**

LPNHEX-T-84-02
Study of Muon Pair Production in 194 GeV/C pi exp - - Tungsten Collisions. Deviation of Drell-Yan Model.
DE85751256 **24**-*556,876* PC **A11**/MF **A01**

ECOLOGY HOUSE, TORONTO (ONTARIO).

NP-5900574
Indoor Air Quality in Tight Houses: A Literature Review.
DE85900574 **15**-*534,152* PC **A06**/MF **A01**

ECON, INC., PRINCETON, NJ.

ECON-82-180-1
Windows for Innovation: A Story of Two Large-Scale Technologies.
(NSF/PRA-82071)
PB85-150340 **07**-*515,294* PC **A16**/MF **A01**

ECONOMIC AND ENGINEERING SERVICES, INC., BELLEVUE, WA.

DOE/RG/10393-T1
Load Research User's Guide. Final Report.
DE85007329 **14**-*531,775* PC **A02**/MF **A01**

DOE/RG/10406-T1
Chelan County PUD Formal Educational Services, Topic B.5: Advanced Marginal Cost of Service; Topic B.6: Load Research and Advanced Rate Design.
DE85012434 **23**-*553,035* PC **A05**/MF **A01**

DOE/RG/10406-T4
End-Use Results for Public Utility District No. 1 of Chelan County.
DE85012435 **23**-*553,036* PC **A05**/MF **A01**

DOE/RG/10406-T5
Chelan County Pud Formal Educational Services, Topic B.3 - Project Valuation Techniques; Topic B.4 - Optimum Electric Pricing.
DE85012436 **23**-*553,037* PC **A06**/MF **A01**

DOE/RG/10406-T6
Documentation Manual for Automated Cost of Service: Public Utility District No. 1 of Chelan County.
DE85012437 **22**-*550,337* PC **A07**/MF **A01**

DOE/RG/10406-T7
Documentation of Forecasting Models for Chelan County PUD No. 1.
DE85012438 **22**-*550,338* PC **A08**/MF **A01**

DOE/RG/10406-T9
Chelan County PUD No. 1 Formal Education Services: Topics B.7 and B.8.
DE85012439 **21**-*547,358* PC **A08**/MF **A01**

ECONOMIC DEVELOPMENT ADMINISTRATION, WASHINGTON, DC. RESEARCH AND EVALUATION DIV.

EDA/RED-84-46
Rural Development.
PB85-125227 **04**-*508,190* PC **A02**/MF **A01**

EDA/RED-84-47
Labor Force Participation and Unemployment in American Counties.
PB85-125680 **05**-*510,787* PC **A21**/MF **A01**

EDA/RED-84-061
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PB85-150464 **08**-*516,100* PC **A05**/MF **A01**

ECONOMIC RESEARCH LAB., INC., RESTON, VA.

84-01-ONR-1
Enlistment Early Warning System and Accession Crisis Prevention Process. Volume 1, Executive Summary.
AD-A152 867/8 **15**-*533,103* PC **A02**/MF **A01**

84-01-ONR-2/3
Enlistment Early Warning System and Accession Crisis Prevention Process. Volumes 2 and 3.
AD-A152 868/6 **15**-*533,104* PC **A11**/MF **A01**

84-01-ONR-4/7
Enlistment Early Warning System and Accession Crisis Prevention Process. Volumes 4, 5, 6, and 7.
AD-A152 957/7 **15**-*533,071* PC **A16**/MF **A01**

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AD-A154 013/7 **16**-*535,532* PC **A04**/MF **A01**

Economic Analysis of Army Enlistments: Policy Implications.
AD-A153 159/9 **15**-*533,144* PC **A04**/MF **A01**

ECONOMIC RESEARCH SERVICE, WASHINGTON, DC.

AER-526
Possible Economic Consequences of Reverting to Permanent Legislation or Eliminating Price and Income Supports.
PB85-156347 **10**-*520,982* PC **A06**/MF **A01**

AGES-840517
Nonmetropolitan Energy Use in 1978 by Category of Use and Form of Energy: Appendix.
PB85-109460 **03**-*506,281* PC **A14**/MF **A01**

AGES-850606
Working Data for Demand Analysis, April 1985.
PB85-217842 **20**-*544,703* PC **A02**/MF **A01**

AGRICULTURE/HB-637
Handbook of Agricultural Charts, 1984.
PB85-159721 **10**-*520,985* PC **A05**/MF **A01**

AIB-485
History of Agricultural Price-Support and Adjustment Programs, 1933-84: Background for 1985 Farm Legislation.
PB85-146413 **08**-*515,767* PC **A04**/MF **A01**

USDA/AER-527
Factors Affecting U.S. Milk Production.
PB85-177566 **14**-*530,811* PC **A03**/MF **A01**

USDA/AER-534
Analysis of Policies to Conserve Soil and Reduce Surplus Crop Production.
PB85-199016 **18**-*539,694* PC **A03**/MF **A01**

USDA/AIB-490
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PB85-176709 **13**-*528,351* PC **A03**/MF **A01**

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PB85-128304 **03**-*505,340* PC **A05**/MF **A01**

Impact of Alternative Federal Grazing Fees on Western Livestock Businesses.
PB85-128312 **04**-*507,972* PC **A06**/MF **A01**

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PB85-213734 17-538,549 PC A03/MF A01

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PB85-213742 17-538,550 PC A03/MF A01

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PB85-232064 20-545,841 PC A04/MF A01

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PB85-213809 **18**-*541,191* PC **A03**/MF **A01**

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PB85-213817 **18**-*541,192* PC **A02**/MF **A01**

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PB85-213833 **18**-*541,194* PC **A02**/MF **A01**

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PB85-213858 **18**-*541,196* PC **A03**/MF **A01**

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PB85-213866 **18**-*541,197* PC **A03**/MF **A01**

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PB85-232098 **20**-*545,844* PC **A04**/MF **A01**

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PB85-232106 **20**-*545,845* PC **A03**/MF **A01**

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PB85-232114 **20**-*545,846* PC **A04**/MF **A01**

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PB85-249597 **23**-*553,504* PC **A04**/MF **A01**

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PB85-249498 **23**-*554,011* PC **A02**/MF **A01**

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PB85-213874 **17**-*538,553* PC **A02**/MF **A01**

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PB85-232122 **20**-*545,847* PC **A03**/MF **A01**

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PB85-232130 **20**-*545,848* PC **A03**/MF **A01**

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PB85-213890 **17**-*538,554* PC **A02**/MF **A01**

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PB85-213932 **17**-*538,558* PC **A02**/MF **A01**

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PB85-213940 **17**-*538,559* PC **A02**/MF **A01**

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PB85-213908 **17**-*538,555* PC **A03**/MF **A01**

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PB85-213916 **17**-*538,556* PC **A03**/MF **A01**

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PB85-213924 **17**-*538,557* PC **A02**/MF **A01**

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PB85-213957 **17**-*538,560* PC **A04**/MF **A01**

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Superfund Record of Decision (EPA Region 5): Reilly Tar Site, Minnesota, June 1984.
PB85-213965 **17**-*538,561* PC **A03**/MF **A01**

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PB85-213973 **17**-*538,562* PC **A03**/MF **A01**

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PB85-232148 **20**-*545,849* PC **A03**/MF **A01**

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PB85-249506 **23**-*553,499* PC **A03**/MF **A01**

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PB85-249563 **23**-*553,502* PC **A03**/MF **A01**

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PB85-249613 **23**-*553,506* PC **A02**/MF **A01**

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PB85-249548 **24**-*556,005* PC **A03**/MF **A01**

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PB85-249522 **24**-*556,003* PC **A02**/MF **A01**

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PB85-249571 **24**-*556,006* PC **A03**/MF **A01**

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PB85-249480 **23**-*553,498* PC **A03**/MF **A01**

EPA/ROD/R05-85/018
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PB85-249647 **23**-*553,509* PC **A03**/MF **A01**

EPA/ROD/R05-85/019
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PB85-249605 **23**-*553,505* PC **A03**/MF **A01**

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Superfund Record of Decision (EPA Region 5): Verona Well Field, Battle Creek, Calhoun County, Michigan (Second Remedial Action), August 1985.
PB85-249514 **23**-*553,500* PC **A03**/MF **A01**

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PB85-213999 **18**-*541,198* PC **A04**/MF **A01**

EPA/ROD/R06-84/002
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PB85-214005 **18**-*541,199* PC **A04**/MF **A01**

EPA/ROD/R06-84/003
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PB85-214013 **18**-*541,200* PC **A04**/MF **A01**

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PB85-214021 **18**-*541,201* PC **A06**/MF **A01**

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PB85-229086 **20**-*545,839* PC **A04**/MF **A01**

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PB85-249555 **23**-*553,501* PC **A03**/MF **A01**

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PB85-249530 **24**-*556,004* PC **A04**/MF **A01**

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PB85-249472 **23**-*553,497* PC **A03**/MF **A01**

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PB85-214047 **18**-*541,202* PC **A02**/MF **A01**

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PB85-214054 **18**-*541,203* PC **A02**/MF **A01**

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PB85-214062 **18**-*541,204* PC **A03**/MF **A01**

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PB85-249621 **23**-*553,507* PC **A04**/MF **A01**

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PB85-214070 **18**-*541,205* PC **A02**/MF **A01**

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PB85-249589 **23**-*553,503* PC **A02**/MF **A01**

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PB85-249464 **23**-*553,496* PC **A04**/MF **A01**

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PB85-214096 **17**-*538,563* PC **A02**/MF **A01**

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PB85-214112 **17**-*538,565* PC **A02**/MF **A01**

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PB85-214138 **17**-*538,567* PC **A03**/MF **A01**

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PB85-214146 **17**-*538,568* PC **A02**/MF **A01**

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PB85-214104 **17**-*538,564* PC **A03**/MF **A01**

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PB85-214120 **17**-*538,566* PC **A03**/MF **A01**

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PB85-214153 **17**-*538,569* PC **A04**/MF **A01**

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PB85-229094 **20**-*545,840* PC **A04**/MF **A01**

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PB85-214187 **17**-*538,571* PC **A03**/MF **A01**

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DE85901050 **24**-*556,895* PC **A02**/MF **A01**

CERN-EP-84-118
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DE85900483 **24**-*556,890* PC **A03**/MF **A01**

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CONF-830223-16
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DE85901042 **20**-*546,162* PC **A02**/MF **A01**

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Coupling of a BaF sub 2 Scintillator to a TMAE Photocathode and a Low-Pressure Wire Chamber.
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DE85901043 **22**-*551,652* PC **A02**/MF **A01**

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DE85900998 **21**-*549,117* PC **A02**/MF **A01**

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DE85901050 **24**-*556,895* PC **A02**/MF **A01**

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Experimental Summary: Selected Highlights.
DE85900483 **24**-*556,890* PC **A03**/MF **A01**

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DE85900500 **20**-*546,835* PC **A02**/MF **A01**

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DE85901018 **22**-*551,642* PC **A02**/MF **A01**

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Could Antiprotons Be Used to Get a Hot, Dense Plasma.
DE85901048 **20**-*546,851* PC **A02**/MF **A01**

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DE85901047 **20**-*546,850* PC **A02**/MF **A01**

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DE85901011 **22**-*551,640* PC **A05**/MF **A01**

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Hard Processes Involving Real Photons.
DE85901020 **22**-*551,643* PC **A03**/MF **A01**

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DE85901008 **22**-*551,639* PC **A03**/MF **A01**

CONF-8308139-3
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DE85901015 **22**-*551,641* PC **A06**/MF **A01**

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Detectors for Rare Events.
DE85901019 **20**-*546,155* PC **A02**/MF **A01**

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DE85901034 **22**-*551,648* PC **A02**/MF **A01**

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Inclusive Lepton-Hadron Experiments.
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DE85900482 **20**-*546,831* PC **A04**/MF **A01**

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DE85009685 **20**-*547,054* PC **A03**/MF **A01**

DOE/ET/10069-T113
EDS Coal Liquefaction Process Development, Phase 5. EDS Consolidation Program: Reactor Optimization Design Study.
DE85010394 **19**-*544,361* PC **A03**/MF **A01**

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DE85008953 **15**-*535,184* PC **A03**/MF **A01**

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DE85009685 **20**-*547,054* PC **A03**/MF **A01**

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DE85008383 **15**-*534,122* PC **A03**/MF **A01**

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AD-A149 522/5 **08**-*515,736* PC **A02**/MF **A01**

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DOT/FAA/EE-84-04
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AD-A147 497/2 **03**-*505,288* PC **A06**/MF **A01**

FAA/EE-84-3
Noise Measurement Flight Test: Data/Analyses, Hughes 500 D/E Helicopter.
AD-A148 110/0 **04**-*507,908* PC **A05**/MF **A01**

FAA/EE-84-05
Noise Measurement Flight Test: Data/Analyses Aerospatiale AS 350D AStar Helicopter.
AD-A148 496/3 **05**-*510,598* PC **A08**/MF **A01**

FAA/EE-84-6
Noise Measurement Flight Test: Data/Analyses, Sikorsky S-76A Helicopter.
AD-A148 525/9 **05**-*510,599* PC **A09**/MF **A01**

FAA/EE-84-7
Noise Measurement Flight Test for Boeing Vertol 234/CH 47-D Helicopter: Data/Analyses.
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FAA-EE-84-7
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FAA-EE-84-12
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AD-A145 933/8 **01**-*500,057* PC **A03**/MF **A01**

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AD-A154 319/8 **17**-*537,040* PC **A06**/MF **A01**

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AD-A156 521/7 **21**-*547,224* PC **A11**/MF **A01**

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AD-A157 403/7 **23**-*553,796* PC **A10**/MF **A01**

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AD-A155 226/4 **19**-*542,112* PC **A06**/MF **A01**

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(FCC/DF-85/001)
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AM Engineering Data Base in Order by County and State.
PB85-947600 **11**-*524,912* Standing Order

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PB85-919900 **11**-*524,897* Standing Order

FCC/CC08-85
Commercial Master File.
PB85-919200 **11**-*524,894* Standing Order

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PB85-946200 **11**-*524,903* Standing Order

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PB85-946100 **11**-*524,902* Standing Order

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FCC/FCC022-85
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PB85-912400 **11**-*524,886* Standing Order

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PB85-215499 **20**-*546,026* CP **T99**

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PB85-215549 **20**-*546,031* CP **T99**

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PB85-212108 **17**-*538,798* CP **T99**

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PB85-204550 **18**-*541,413* PC **A07**/MF **A01**

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PB85-203305 **18**-*541,169* PC **A06**/MF **A01**

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PB85-188449 **17**-*537,230* CP **T99**

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PB85-188456 **17**-*537,231* CP **T99**

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PB85-188464 **17**-*537,232* CP **T99**

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PB85-188472 **17**-*537,233* CP **T99**

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C-5
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PB85-141224 **06**-*513,116* PC **A22**/MF **A01**

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PB85-141299 **06**-*513,123* PC **A11**/MF **A01**

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PB85-228112 **22**-*550,693* PC **A12**/MF **A01**

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AD-A150 571/8 **10**-*522,199* PC **A04**/MF **A01**

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(AFOSR-TR-85-0052, ARO-18343.42-MA)
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PB85-234094 **23**-*553,472* PC **A08**/MF **A01**

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DE85000755 **04**-*509,105* PC **A04**/MF **A01**

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PB85-115798 **03**-*505,347* PC **A09**/MF **A01**

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DE85012324 **20**-*546,248* PC **A02**/MF **A01**

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Determination of Trace Alkali and Alkaline Earth Metals in Orange Juice Using the DC Plasma and the Inductively Coupled Plasma Atomic Emission Techniques.
(AFOSR-TR-84-0900)
AD-A146 894/1 **02**-*503,510* PC **A02**/MF **A01**

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(AFOSR-TR-84-0899)
AD-A147 148/1 **02**-*503,520* PC **A02**/MF **A01**

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(AFOSR-TR-84-0896)
AD-A147 150/7 **02**-*505,120* PC **A02**/MF **A01**

Use of Active Nitrogen in Analytical Chemiluminescence Spectrometry.
(AFOSR-TR-0038)
AD-A150 534/6 **10**-*521,697* PC **A02**/MF **A01**

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AD-A150 535/3 **10**-*521,698* PC **A02**/MF **A01**

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AD-A153 846/1 **16**-*535,831* PC **A02**/MF **A01**

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(AFOSR-TR-85-0411)
AD-A153 962/6 **16**-*535,838* PC **A02**/MF **A01**

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AD-A154 345/3 **17**-*539,512* PC **A02**/MF **A01**

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AD-A158 279/0 **24**-*555,291* PC **A02**/MF **A01**

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(AFOSR-TR-85-0524)
AD-A158 341/8 **25**-*559,833* PC **A02**/MF **A01**

Determination of Trace Levels of Water in Solid Samples by Evolved Gas Analysis/Helium Microwave Plasma Emission Spectrometry.
(AFOSR-TR-85-0537)
AD-A158 351/7 **25**-*557,906* PC **A02**/MF **A01**

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(AFOSR-TR-85-0523)
AD-A158 372/3 **25**-*559,673* PC **A02**/MF **A01**

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AD-A158 101/6 **24**-*555,930* PC **A05**/MF **A01**

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AD-A158 924/1 **25**-*557,321* PC **A05**/MF **A01**

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UFL/COEL-TR/052
Prediction of Wave Height of Wind-Generated Seas in Finite Water Depth.
AD-A145 996/5 **01**-*501,160* PC **A03**/MF **A01**

UFL/COEL-TR/055
Water Wave Propagation Over Uneven Bottoms.
AD-A151 450/4 **12**-*527,912* PC **A05**/MF **A01**

UFL/COEL-85/001
Modifications To a Propagation Model for the Combinded Refraction-Diffraction of Stokes Waves; Shallow Water, Large Angle and Breaking Wave Effects.
AD-A151 428/0 **12**-*526,747* PC **A05**/MF **A01**

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CONF-830491-4
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DE84012882 **02**-*503,843* PC **A02**/MF **A01**

CONF-8506121-2
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AD-A145 864/5 **01**-*502,350* PC **A07**/MF **A01**

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(AFOSR-TR-85-0121)
AD-A151 069/2 **11**-*525,605* PC **A05**/MF **A01**

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(ARO-18814.11-MA)
AD-A152 871/0 **15**-*534,073* Not available NTIS

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(AFOSR-TR-85-0158)
AD-A150 854/8 **11**-*524,446* PC **A02**/MF **A01**

Finite-Element Analysis of Interlaminar Shear Stress due to Local Impact.
(ARO-19946.1-EG)
AD-A158 616/3 **25**-*558,389* PC **A02**/MF **A01**

Composite Material Damping Using Impulse Technique.
AD-P004 699/5 **19**-*543,177* PC **A02**/MF **A01**

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(AFESC/ESL-TR-84-44)
AD-A150 882/9 **11**-*524,832* PC **A05**/MF **A01**

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RR-84-1
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AD-A146 288/6 **01**-*501,641* PC **A03**/MF **A01**

RR-84-30
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AD-A147 042/6 **02**-*504,531* PC **A04**/MF **A01**

RR-84-31
Program to Produce Standard Shewhart Control Charts for the Statistics X-Bar and R or S, P, NP, C, or U.
AD-A146 971/7 **02**-*503,803* PC **A03**/MF **A01**

RR-84-32
Developing Double Sampling Plans for Attributes to Meet Sample Size Criteria.
AD-A148 144/9 **04**-*509,506* PC **A03**/MF **A01**

RR-84-35
Computer System for Generating Single and Double Sampling Plans for Attributes Data.
AD-A149 548/0 **08**-*516,612* PC **A05**/MF **A01**

RR-84-36
Negative Exponential Solution to an Evacuation Problem.
(NBS/GCR-84/482)
PB85-166759 **09**-*519,772* PC **A02**/MF **A01**

Variability of Measures of Weapons Effectiveness. Volume 1. Methodology and Application to Fragment Sensitive Targets in the Absence of Delivery Error.
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AD-A153 944/4 **16**-*536,706* PC **A04**/MF **A01**

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AD-A153 945/1 **16**-*536,707* PC **A03**/MF **A01**

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AD-A153 946/9 **16**-*536,708* PC **A05**/MF **A01**

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(AFATL-TR-84-92-VOL-7, SBI-AD-E801-127)
AD-A153 947/7 **16**-*536,709* PC **A05**/MF **A01**

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AD-A153 948/5 **16**-*536,710* PC **A04**/MF **A01**

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DE85003659 **16**-*536,620* PC **A03**/MF **A01**

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DE84017350 **04**-*509,405* PC **A02**/MF **A01**

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AD-A147 705/8 **04**-*509,379* PC **A04**/MF **A01**

Electrotransport in Thin Films.
(ARO-18112.3-MS)
AD-A155 584/6 **19**-*542,982* PC **A02**/MF **A01**

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Progress Report, Grant AFOSR-84-0365.
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AD-A151 100/5 **12**-*527,163* PC **A02**/MF **A01**

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CONF-850315-5
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DE85013662 **22**-*551,562* PC **A02**/MF **A01**

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DE85004464 **11**-*525,303* PC **A04**/MF **A01**

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(AFOSR-TR-85-0111)
AD-A150 868/8 **11**-*525,376* PC **A02**/MF **A01**

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CONF-8403130-5
Jet Topologies in Hadron-Hadron Collisions.
DE85001328 **06**-*514,162* PC **A03**/MF **A01**

CONF-8404155-4
Cosmic Axions.
DE85001330 **04**-*508,017* PC **A02**/MF **A01**

CONF-8405155-4
Supersymmetric Inflationary Cosmology.
DE85001331 **04**-*508,018* PC **A02**/MF **A01**

CONF-8406153-2
Ion Quadrupole Effects in Spectral Line Broadening.
DE85001504 **08**-*518,032* PC **A02**/MF **A01**

CONF-8406172-3
Supersymmetric Inflationary Cosmology.
DE85001332 **04**-*508,019* PC **A02**/MF **A01**

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DE85001329 **04**-*510,289* PC **A03**/MF **A01**

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DE85001330 **04**-*508,017* PC **A02**/MF **A01**

DOE/ER/40008-61
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DE85001331 **04**-*508,018* PC **A02**/MF **A01**

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Supersymmetric Inflationary Cosmology.
DE85001332 **04**-*508,019* PC **A02**/MF **A01**

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DE85003235 **08**-*515,815* PC **A02**/MF **A01**

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(EPA/600/D-85/175)
PB85-236495 **24**-*555,465* PC **A02**/MF **A01**

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CONF-840849-7
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DE85000370 **04**-*509,509* PC **A03**/MF **A01**

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DE85000370 **04**-*509,509* PC **A03**/MF **A01**

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PB85-161354 **11**-*523,740* Not available NTIS

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(AFOSR-TR-85-0074)
AD-A150 855/5 **11**-*523,960* PC **A03**/MF **A01**

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(ARO-21033.3-PH)
AD-A158 467/1 **25**-*557,924* PC **A02**/MF **A01**

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AD-A150 192/3 **10**-*522,973* PC **A02**/MF **A01**

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(AFOSR-TR-84-1256)
AD-A150 316/8 **10**-*522,619* PC **A02**/MF **A01**

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FL/WRRC/PUB-76
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(USGS/G-835-03)
PB85-227239 **22**-*550,120* PC **A05**/MF **A01**

FL/WRRC/PUB-81
Analysis of Injection in Stratified Aquifers.
(USGS/G-835-02)
PB85-227247 **22**-*550,121* PC **A05**/MF **A01**

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DE85011920 **20**-*545,403* PC **A02**/MF **A01**

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(GRI-84/0079)
PB85-175172 **11**-*524,685* PC **A04**/MF **A01**

FLOW/TR-307
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(GRI-84/0208)
PB85-176162 **12**-*527,378* PC **A05**/MF **A01**

TN-215
Pseudospectral Calculations of Two-Dimensional Transonic Flow (Task 1). Numerical Investigation of VTOL Aerodynamics (Task 2).
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AD-A150 123/8 **09**-*518,318* PC **A05**/MF **A01**

TN-216
Pseudospectral Calculations of Two-Dimensional Transonic Flow (Task 1). Numerical Investigation of VTOL Aerodynamics (Task 2).
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AD-A150 123/8 **09**-*518,318* PC **A05**/MF **A01**

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AD-A149 993/8 **09**-*518,314* PC **A05**/MF **A01**

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AD-P004 158/2 **05**-*510,559* PC **A02**/MF **A01**

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(CRDC-CR-84-64)
AD-A154 093/9 **17**-*539,288* PC **A03**/MF **A01**

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FSI-84-01
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(NASA-CR-3885)
N85-23709/7 **17**-*537,007* PC **A05**/MF **A01**

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DE85005443 **12**-*527,031* PC **A03**/MF **A01**

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DE85005439 **12**-*527,030* PC **A06**/MF **A01**

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DE85008365 **14**-*531,959* PC **A02**/MF **A01**

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DE85014548 **23**-*554,466* PC **A03**/MF **A01**

DOE/CH/10088-1813
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DE85014547 **23**-*554,465* PC **A05**/MF **A01**

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DE85016957 **25**-*559,927* PC **A16**/MF **A01**

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PB85-184901 **16**-*535,357* PC **A10**/MF **A01**

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2-7-ONR
Research in Energetic Compounds.
AD-A151 250/8 **12**-*526,630* PC **A04**/MF **A01**

FLYNN (JOSEPH), BLISS, NY.

DOE/R2/05304-T1
Biomass Digestion for Family Farms. Final Progress Report.
DE85015644 **26**-*561,967* PC **A02**/MF **A01**

FMC CORP., SAN JOSE, CA. ORDNANCE ENGINEERING DIV.

FMC-TR-3809
Cast Aluminum Components. Volume 1.
(TACOM-TR-12659)
AD-A155 444/3 **19**-*543,208* PC **A05**/MF **A01**

Cast Aluminum Components. Volume 3.
(TACOM-TR-12908)
AD-A153 545/9 **16**-*536,699* PC **A03**/MF **A01**

FMC CORP., SAN JOSE, CA. ORDNANCE GROUP.

Tropic Test of Bradley Fighting Vehicle Systems.
AD-A156 580/3 **21**-*548,999* PC **A04**/MF **A01**

FOERSVARETS FORSKNINGSANSTALT, STOCKHOLM (SWEDEN).

FOA-A5-85-0001-H1
Studium av Korttidsminnet hos Attackdykare (Short-Term Memory in Combat Divers).
PB85-168177 **12**-*526,577* PC **E03**/MF **E01**

FOA-A-30035-A3
Effects of a Lightning Strike on a Civil Defense Operation Center.
N85-11514/5 **04**-*508,091* PC **A02**/MF **A01**

FOA-A-30035-A3
Verkan av ett Asknedslag i Civilfoersvarets Ledningscentral DC Bofinken, Goeteborg (Effects of a Lightning Stroke to a Civil Defence Operational Centre).
PB85-104263 **02**-*504,526* PC **E03**/MF **E01**

FOA-A-30036-E
Rapportering av Projektet, FoU-Kontakt Canada (Report on the Project, R and D-Contact Canada).
PB85-161875 **11**-*524,171* PC **E04**/MF **E01**

FOA-A-30037-E
Informationsteknik 1985: Optisk Teknik och Elektro-Optik - en Foersvarsteknisk Komponentoeversyn (Optical Technology and Electro-Optics - A Defence technical Component Review.
PB85-223857 **21**-*549,066* PC **E04**/MF **E01**

FOA-A-40049-B4
Anvaendningen av Enzymer i Svensk Industri: Beredskapsaspekter (Application of Enzymes in Swedish Industry: Aspects Concerning Economic Defence).
PB85-145878 **08**-*516,142* PC **E04**/MF **E01**

FOA-A-50002-H2
Operatoersmiljoe 90 (OM 90) (Operator Environment in the Nineties).
PB85-234011 **23**-*552,105* PC **E04**/MF **E01**

FOA-A-50003-H2
System foer Datorstoedd Presentation av Sjoemalslaegen (Computer Aided Display System for Surveillance).
PB85-234045 **23**-*553,586* PC **E04**/MF **E01**

FOA-A-53001-H2
Pok Project; Studies of Information Handling Problems with a New Kind of Communication Device.
N85-29131/8 **21**-*548,787* PC **A03**/MF **A01**

FOA-A-53001-H2
POEK-PROJEKTET; Studier av Informationshantering Med en ny Kommunikationsutrustning (POEK-PROJECT; Studies of Information Handling Problems with a New Kind of Combat Radio).
PB85-168821 **12**-*527,657* PC **E04**/MF **E01**

FOA-A-55005-H3
Delegerat Ledarskap (Delegation of Authority).
PB85-104032 **01**-*500,521* PC **E05**/MF **E01**

FOA-B-60004-M7
Applications of Remote Sensing Techniques to Oceanography and Sea Ice.
N85-11448/6 **04**-*509,034* PC **A02**/MF **A01**

FOA-C-5-85-0001-He
Beteendevetenskaplig System-Och Metodforskning. Redovisning av ett Forskningsar vid University of California, Berkeley, USA (System and Policy Analysis in the Behavioral Sciences. A Description of a Research Year at the University of California, Berkeley, USA).
PB85-168813 **12**-*526,342* PC **E04**/MF **E01**

FOA-C5-85-0002-H1
Shelter: Description of a Program Code.
N85-33278/1 **26**-*561,023* PC **A04**/MF **A01**

FOA-C5-85-0002-H1
SHELTER: Beskrivning av Programkoden (SHELTER: Description of the Program Code).
PB85-198711 **18**-*541,050* PC **E04**/MF **E01**

FOA-C5-85-0003-H2
Management of Organizational Operations in Dynamic Environments: Towards a Frame of Reference (Ledning av Organisationers Verksamhet i Dynamiska Omgivningar: Pa Vag Mot en Referensram).
PB85-198141 **18**-*539,841* PC **E04**/MF **E01**

FOA-C5-85-0004-H1
Studieresa i Vaesttyskland 10-18 Maj 1984. Reflexioner och Slutsatser Betraeffande Skildringar om Tidigare Oeverlevnad i Krigshaeriad och Ockuperad Taetort Samt Nya Planer foer Civilfoersvar och Skaelvskydd (Study Tour in West Germany, May 10-18, 1984. Reflections and Conclusions Concerning Descriptions about Earlier Survival and Rebuilding Together with New Plans for This in Population Centres Devastated by War and under Occupation).
PB85-198158 **18**-*541,367* PC **E03**/MF **E01**

FOA-C5-85-0005-H4
International Congress in Israel on Disaster Management (2nd).
PB85-199933 **18**-*540,090* PC **E04**/MF **E01**

FOA-C5-85-0006-H2
Rapport oever Utrikes Tjaensteresa till England February 27-March 4, 1984 (Report on a Visit to England February 27-March 4, 1984).
PB85-201341 **18**-*539,681* PC **E04**/MF **E01**

FOA-C-10246-M5
Vaesteuropas Ekonomiska Relationer i ett Nord/Syd-Perspektiv; en Studie av de Handelspolitiska Foerbindelserna Mellan EG och den Tredje Vaerlden och EG's Energi- och Ravaruberoende (Western Europe's Economic Relations in a North/South-Perspective; a Study of the Trade Links between the EC and The Third World and EC's Energy and Raw Material Dependence).
PB85-146249 **08**-*515,927* PC **E10**/MF **E01**

FOA-C-10261-M8
Dimensionering och Finansiering av Gemensamma Resurser (Supply and Financing of Common Resources).
PB85-145910 **07**-*514,486* PC **E03**/MF **E01**

FOA-C-10262-M2
Fangarnas Dilemma: En Oeversikt (Prisoners' Dilemma: A Survey).
PB85-147098 **08**-*517,001* PC **E04**/MF **E01**

FOA-C-10264-M3
Middle East and Sweden's Security (Mellanoestern och Sveriges Saekerhet).
PB85-173854 **13**-*528,590* PC **E04**/MF **E01**

FOA-C-20494-E1
Tomographic Velocity-Estimation for Crosshole Measurement (Tomografisk Hastighets-Skattning foer Mellanhals-Maetningar).
PB85-169407 **12**-*526,851* PC **E04**/MF **E01**

FOA-C-20496-D4
Beskrivning av Kalibreringsapparat foer Piezoelektriska Tryckgivare (Description of a Calibrator for Piezoelectric Pressure Transducers).
PB85-168854 **12**-*527,495* PC **E03**/MF **E01**

FOA-C-20537-T1
Seismology 1983: Nuclear Test Ban Verification, Earthquake and Earth Resource Investigation.
N85-11495/7 **04**-*509,959* PC **A05**/MF **A01**

FOA-C-20542-D1
Laser for Determining the Ignition Conditions of a Pyrotechnic Mixture.
N85-13230/6 **07**-*515,598* PC **A03**/MF **A01**

FOA-C-20543-T1
Seismicity of Southern Sweden.
N85-16340/0 **10**-*521,897* PC **A06**/MF **A01**

FOA-C-20543-T1
Seismicity of Southern Sweden (Jordskalven i Soedra Sverige).
PB85-104271 **01**-*501,243* PC **E06**/MF **E01**

FOA-C-20544-T1
Pilot Study of Future Research on Seismic Hazards in Sweden.
N85-11496/5 **04**-*509,029* PC **A04**/MF **A01**

FOA-C-20545-E3
Experimental Study with Parameter Variations on a Hydraulic Positioning Servo with Computer Implemented Observer.
N85-11673/9 **04**-*509,791* PC **A04**/MF **A01**

FOA-C-20546-A3
Svenska Bostadshus. Skyddsfaktorer foer Stralning Fran Radioaktivt Nedfall (Fallout Gamma-Ray Dose Transmission Factors for Swedish Dwelling-Houses).
PB85-149946 **08**-*517,597* PC **E04**/MF **E01**

FOA-C-20547-D4
Spraengattentatet i Fontainebleau (The Act of Explosion Sabotage at the Restaurant Fontainebleau in Stockholm, December 31, 1982).
PB85-121929 **04**-*509,829* PC **E05**/MF **E01**

FOA-C-20548-D1
Official Journey to USA, November 1983. Symposium on the Compatibility of Explosives; Mound Laboratory; Naval Surface Weapons Center.
N85-13072/2 **07**-*515,500* PC **A03**/MF **A01**

FOA-C-20548-D1
Tjaensteresa till USA Nov 1983. Symposium om Explosivaemnens Kompatibilitet; Mound Laboratory; Naval Surface Weapons Center (Official Journey to USA Nov 1983. Symposium on the Compatibility of Explosives; Mound Laboratory; Naval Surface Weapons Center).
PB85-104339 **01**-*502,324* PC **E04**/MF **E01**

FOA-C-20549-D3
Nondestructive Deceleration of a Rocket Sled.
N85-15771/7 **10**-*522,905* PC **A02**/MF **A01**

FOA-C-20549-D3
Icke Foerstoerande Bromsning av Raketslaede (Non-Destructive Deceleration of Rocket Sled).
PB85-115244 **03**-*506,827* PC **E03**/MF **E01**

FOA-C-20550-D1
Laser Ignition of Explosives.
N85-16173/5 **10**-*523,134* PC **A03**/MF **A01**

FOA-C-20550-D1
Laser-Initiering av Explosivaemnen (Laser-Ignition of Explosives).
PB85-123099 **04**-*510,421* PC **E04**/MF **E01**

FOA-C-20551-D2
Metallographic Investigation of Rotating Bands for 7.5 cm Artillery Projectiles.
N85-15888/9 **10**-*522,899* PC **A03**/MF **A01**

FOA-C-20552-D2(E4,F9)
Impressions from a Study Tour in Finland Concerning Fiber Reinforced Plastics, June 1984.
N85-15831/9 **10**-*522,101* PC **A02**/MF **A01**

FOA-C-20552-D2(E4/F9)
Intryck fran tre Studiebesoek i Finland Inom Fiberarmerad Plast, Juni 1984 (Impressions from a Study Tour in Finland within Fibre Reinforced Plastics, June 1984).
PB85-115236 **03**-*506,468* PC **E03**/MF **E01**

FOA-C-20553-T1
Yields Estimates of Soviet Nuclear Explosions 1978-79 (Laddningsstyrkebestaemningar av Sovjetiska Kaernladdningar under 1978 - 1979).
PB85-129880 **05**-*512,222* PC **E04**/MF **E01**

FOA-C-20554-D4
Tillverkning av Spraengaemneskroppar foer RSV Genom Gjutning Eller Pressning. RSV-Forskningen vid FOA 1972-83. Del I. (Making High Explosive Bodies for Shaped Charges by Casting or Pressing. Shaped Charge Research at FOA in 1972-83. Part I.).
PB85-123107 **04**-*510,149* PC **E04**/MF **E01**

FOA-C-20554-D4-PT-1
Making High Explosive Bodies for Shaped Charges by Casting or Pressing. Shaped Charge Research at Research Institute of National Defence (FOA) in 1972 - 1983, Part 1.
N85-15923/4 **10**-*522,900* PC **A03**/MF **A01**

FOA-C-20555-D1
Combustion Properties of Fuel-Rich Magnesium Propellants with HTPB as Binder.
N85-15924/2 **10**-*523,133* PC **A03**/MF **A01**

FOA-C-20555-D1
Foerbraenningsegenskaper foer Braenslerika Magnesiumkrut med HTPB som Bindemedel (Combustion Properties of Fuel-Rich Magnesium Propellants with HTPB as Binder).
PB85-127942 **05**-*512,638* PC **E04**/MF **E01**

FOA-C-20556-E1(D9)
Vertikal Vaegutbredning i en Skiktad Vaetska samt Ytsignaturer fraen Interna Vaegor (Vertical Wave Propagation in Stratified Fluid and Surface Signatures from Internal Waves).
PB85-122620 **04**-*508,906* PC **E04**/MF **E01**

FOA-C-20557-D8(E1),
Accuracy in Calculations of Intervisibility with Digital Terrain Models.
N85-21983/0 **14**-*530,846* PC **A03**/MF **A01**

FOERSVARETS FORSKNINGSANSTALT, STOCKHOLM (SWEDEN).

FOA-C-20557-D8(E1)
Beraekning av Sikt med Hjaelp av Terraengmodeller (Accuracy in Calculations of Intervisibility with Digital Terrain Models).
PB85-147031 **08**-*517,362* PC **E04**/MF **E01**

FOA-C-20558-D6(A3)
Brandmiljoe i en Kaellare Utanfoer en Skyddsrumsdoerr (Fire Environment in a Basement Outside a Shelter).
PB85-129997 **05**-*512,014* PC **E04**/MF **E01**

FOA-C-20559-D8(E3)
NYKINM, a Further Development of KINM 22.
N85-15720/4 **10**-*522,584* PC **A03**/MF **A01**

FOA-C-20559-D8(E3)
Nykinm, en Vidareutveckling av KINM22 (Nykinm, a Further Development of KINM22).
PB85-127900 **05**-*510,592* PC **E04**/MF **E01**

FOA-C-20560-D4(A3)
Luftstoetvagsbelastade Sandwichvaeggelement (Blast Loading of Sandwich-Wall Panels).
PB85-157097 **10**-*522,907* PC **E04**/MF **E01**

FOA-C-20561-D4,
Computerized Study of Rigid Cones Penetrating Aluminum Targets.
N85-20384/2 **14**-*532,553* PC **A04**/MF **A01**

FOA-C-20561-D4
Beraekning av Stela Koniska Projektilers Intraengning i Mal av Aluminium (Computational Study of Rigid Cones Penetrating Aluminum Targets).
PB85-147072 **08**-*517,727* PC **E04**/MF **E01**

FOA-C-20562-E4
Pyrophoric Alkylaluminum Compounds in Decoy Flares.
N85-29039/3 **21**-*548,995* PC **A03**/MF **A01**

FOA-C-20562-E4
Pyrofora Alkylaluminiumfoereningar i Motmedelsfacklor (Pyrophoric Alkylaluminium Compounds in Decoy Flares).
PB85-162014 **11**-*525,311* PC **E04**/MF **E01**

FOA-C-20563-D3,
Study of HTPB-Based SOFRAM Fuels.
N85-20150/7 **14**-*532,856* PC **A04**/MF **A01**

FOA-C-20563-D3
Studium av HTPB-Baserade Braenslen foer Sofram (A Study of HTPB-Based Sofram Fuels).
PB85-146223 **08**-*518,281* PC **E04**/MF **E01**

FOA-C-20564-T1
Nuclear Explosions 1945-1984 (Kaernladdningsexplosioner 1945-1984).
PB85-173862 **13**-*530,018* PC **E03**/MF **E01**

FOA-C-20566-D2
Computer Code Ib-Kb for Interior Ballistics of Recoiling and Recoilless Guns.
N85-29602/8 **21**-*549,000* PC **A04**/MF **A01**

FOA-C-20566-D2
IB-KB, ett Datorprogram foer Beraekning av det Innerballistiska foerloppet i Kanoner och Bakblasare (IB-KB, a Computer Code for Interior Ballistics of Recoiling and Recoilless Guns).
PB85-167146 **12**-*527,886* PC **E04**/MF **E01**

FOA-C-20567-D4
RSVPEN, en Modell foer en Fragmenterad RSV-Strales Penetration (RSVPEN, a Model for the Penetration of a Particulated Jet from a Shaped Charge).
PB85-196822 **17**-*539,240* PC **E04**/MF **E01**

FOA-C-20568-D8
Dimensioneringsstudien, Rapport fran Foerstudie, Del 2. Hotbild och Miljoeunderlag (Dimensional Study, Report from a Preliminary Study, Part 2. Analysis of Threats and Environmental Factors).
PB85-212678 **20**-*546,016* PC **E05**/MF **E01**

FOA-C-20569-D9
Hole Cutting in Building Frames by Laser.
N85-33487/8 **26**-*561,182* PC **A03**/MF **A01**

FOA-C-20569-D9
Haltagning i Byggnadsstommar med Laserteknik (Hole Cutting in Building Frames by Laser).
PB85-196764 **17**-*538,593* PC **E04**/MF **E01**

FOA-C-20572-T1
Seismicity of Southern Sweden, 1979-1984, Final Report (Seismiciteten i Soedra Sverige 1979-1984, Slutrapport).
PB85-238962 **25**-*558,114* PC **E04**/MF **E01**

FOA-C-20573-D1(D3)
Aldring av Raketmotorer (Ageing of Rocket Motors).
PB85-234029 **23**-*554,519* PC **E04**/MF **E01**

FOA-C-20574-D6-D4
Betong som Splitterskydd: Skjutfoersoek pa Plattor av Olika Betongmaterial (Concrete as Protection Against Fragment: Firing Tests Against Concrete Slabs of Different Design).
PB85-238947 **24**-*556,018* PC **E04**/MF **E01**

FOA-C-20575-D6
Brandgasventilation av Trapphus Genom Taklucka (Ventilation of Fire Gases in a Stairwell).
PB85-238905 **24**-*556,101* PC **E04**/MF **E01**

FOA-C-20576-D4
Densitet: Kvalitetsbedoemning av Pressade och Gjutna Spraengaemnen (Density: A Method for Testing Pressed and Cast Explosives).
PB85-238939 **24**-*556,561* PC **E04**/MF **E01**

FOA-C-30358-E2
Radio Spectrum Conservation Technique.
N84-33653/6 **01**-*502,088* PC **A03**/MF **A01**

FOA-C-30360-E1
Apparatus for the Determination of Ion Drift in MIS Structures.
N84-34301/1 **01**-*501,980* PC **A03**/MF **A01**

FOA-C-30362-E
Digital Radio Link: Comparison of the Resistance of Two Different 4-Phase Modulation Forms to Multipath Propagation.
N85-11291/0 **04**-*509,931* PC **A02**/MF **A01**

FOA-C-30363-E1
Scintillometer for Measuring Atmospheric Turbulence.
N84-33785/6 **01**-*501,976* PC **A04**/MF **A01**

FOA-C-30364-E2
Digital Radio Link: Wave Propagation Measurements Using Narrow Band Technique.
N85-13152/2 **07**-*515,291* PC **A03**/MF **A01**

FOA-C-30364-E2
Digital Radiolaenk: Vagutbrednings-Maetningar med Smalbandsteknik (Digital Radio Link: Wave Propagation Measurements Using Narrow Band Technique).
PB85-104248 **02**-*504,568* PC **E04**/MF **E01**

FOA-C-30365-A3
Effects of Transient Ionizing Radiation in Various Generations of TTL-Circuits in the 54/74 Series.
N84-33736/9 **01**-*501,379* PC **A05**/MF **A01**

FOA-C-30366-E1
Programmer's Guide for ASKF 77: A Tool for Programming of Dialogs in Fortran and Pascal.
N85-11585/5 **04**-*509,126* PC **A03**/MF **A01**

FOA-C-30367-E4
Radiation Temperature of a Cloud of Particles.
N85-17497/7 **11**-*523,371* PC **A03**/MF **A01**

FOA-C-30367-E4
Radiation Temperature of a Cloud of Particles (Stralningstemperaturen Hos ett Partikelmoln).
PB85-115210 **03**-*506,826* PC **E04**/MF **E01**

FOA-C-30368-E1,E4
Data Handling for the Spectral Radiometer (SPERAD).
N85-16145/3 **10**-*522,490* PC **A03**/MF **A01**

FOA-C-30368-E1-E4
Data Handling for the Sperad Radiometer (Databehandling foer Radiometern Sperad).
PB85-104255 **01**-*502,001* PC **E04**/MF **E01**

FOA-C-30369-E1
Digital Image Processing; Report from a Conference and Study Trip to the USA and Canada, Summer 1984.
N85-13153/0 **07**-*514,821* PC **A03**/MF **A01**

FOA-C-30369-E i
Digital Bildbehandling: Reserapport fran en Konferens- och Studiebesoeksresa till USA och Kanada Sommaren 1984 (Digital Image Processing: Report from a Conference and Study Journey in USA and Canada 1984).
PB85-115202 **03**-*506,177* PC **E04**/MF **E01**

FOA-C-30370-E1
Extraction of Structural Information from Radar Signals.
N85-17292/2 **11**-*524,927* PC **A04**/MF **A01**

FOA-C-30370-E1
Extraction of Structural Information from Radar Signals (Extraktion av Strukturell Information ur Radarsignaler).
PB85-104024 **02**-*504,585* PC **E04**/MF **E01**

FOA-C-30371-E1
Advanced Technology for Hydrographic Mapping.
N85-17418/3 **11**-*524,070* PC **A09**/MF **A01**

FOA-C-30371-E1
Advanced Technology for Hydrographic Mapping (Avancerad Teknologi foer Hydrografisk Kartlaeggning).
PB85-122844 **04**-*509,026* PC **E09**/MF **E01**

FOA-C-30372-A3
Pulse Injection on a Power Cable Penetrating a Shielding Wall by Feed-Through Capacitors.
N85-13171/2 **07**-*514,793* PC **A03**/MF **A01**

FOA-C-30372-A3
Pulsinjicering pa Transientskydd Innehallande Genomfoeringskondensator (Pulse Injection on a Power Cable Penetrating a Shielding Wall by Feed-Thru Capacitors).
PB85-104016 **02**-*503,778* PC **E04**/MF **E01**

FOA-C-30374-E1
Modern Signal Processing and Reconnaissance.
N85-15975/4 **10**-*522,517* PC **A06**/MF **A01**

FOA-C-30374-E1
Resa i USA 19 Augusti - 9 September 1983 foer Laegesuppfoeljning inom Omraadena Signalbehandling och Spaning (Journey in the USA 19 August - 9 September 1983 Concerning Modern Signal Processing and Reconnaissance).
PB85-127967 **05**-*511,507* PC **E06**/MF **E01**

FOA-C-30375-E1
Hurra, a High Resolution Experimental Radar System Broadband Receiver.
N85-29132/6 **21**-*548,816* PC **A04**/MF **A01**

FOA-C-30375-E1
HURRA: Ett Hoegupploesande Experimentradarsystem Bredbandig Mottagare (HURRA: A High Resolution Experimental Radar System Broadband Receiver).
PB85-163822 **11**-*524,931* PC **E05**/MF **E01**

FOA-C-30376-E1
Hurra High Resolution Experimental Radar System Sampling Unit.
N85-29133/4 **21**-*548,817* PC **A03**/MF **A01**

FOA-C-30376-E1
HURRA: Ett Hoegupploesande Experimentradarsystem. Registreringsenheten (HURRA: A High Resolution Experimental Radar System. Sampling Unit).
PB85-160547 **10**-*522,587* PC **E04**/MF **E01**

FOA-C-30377-E
Microwave Tubes: Literature Survey No. 5 Comprising Year 1983.
N85-25739/2 **18**-*540,558* PC **A08**/MF **A01**

FOA-C-30377-E
Microwave Tubes: Literature Survey No. 5 Comprising Year 1983 (Mikrovagsroer: Litteraturoeversikt nr 5, Omfattande ar 1983).
PB85-147593 **08**-*516,584* PC **E08**/MF **E01**

FOA-C-30379-E1,E2,E3,E4
Infrared Absorption of Oxygen Complexes in Electron-Irradiated Silicon.
N85-32015/8 **23**-*554,318* PC **A03**/MF **A01**

FOA-C-30379-E1/E4
Infrared Absorption of Oxygen Complexes in Electron-Irradiated Silicon (Infraroed Absorption av Syrekomplex i Electron-Bestralat Kisel).
PB85-159135 **11**-*524,046* PC **E04**/MF **E01**

FOA-C-30380-E2
Bivariate Rayleigh Distribution: Formulas and Curves, for Correlation Computing Using the Distribution Function.
N85-31901/0 **23**-*553,232* PC **A03**/MF **A01**

FOA-C-30380-E2
Tvadimensionell Rayleigh-Foerdelning. Formler och Kurvor bl a foer Maetning av Korrelationen med Hjaelp av Foerdelningsfunktionen (Bivariate Rayleigh Distribution).
PB85-196166 **18**-*540,922* PC **E04**/MF **E01**

FOA-C-30381-E1
Digital Signal Processing for Spaceborne Synthetic Aperture Radar.
N85-31364/1 **23**-*553,815* PC **A05**/MF **A01**

FOA-C-30381-E1
Digital Signal Processing for Spaceborne Synthetic Aperture Radar (Digital Signalbehandling foer Satellitburen Syntetisk Apertur Radar).
PB85-174142 **13**-*529,209* PC **E05**/MF **E01**

FOA-C-30382-A3
Sapiens Memo 8: Electromagnetic Properties of the EMP Simulator Sapiens.
N85-31365/8 **23**-*553,668* PC **A03**/MF **A01**

FOA-C-30382-A3
SAPIENS Memo 8: Elektromagnetiska Egenskaper hos EMP-Simulatorn SAPIENS (SAPIENS Memo 8: Electromagnetic Characteristics of the EMP Simulator SAPIENS).
PB85-196814 **17**-*539,508* PC **E04**/MF **E01**

FOA-C-30383-E,
Distributed Gunn Effect Devices: A Numerical Analysis of Microstrip Circuits on Thin Active GaAs Substrates.
N85-21527/5 **14**-*531,644* PC **A03**/MF **A01**

FOA-C-30383-E
Distribuerade Gunneffektkomponenter: En Numerisk Analys av Mikrostripkretsar pa Tunna Aktiva GaAs Substrat (Distributed Gunneffect Devices: A Numerical Analysis of Microstrip Circuits on Thin Active GaAs Substrates).
PB85-147130 **08**-*516,707* PC **E04**/MF **E01**

FOA-C-30384-E1
Activities Report of the Laboratory for Computer Science (Foa 32).
N85-31861/6 **23**-*552,821* PC **A03**/MF **A01**

FOA-C-30385-E4
Sensitivity of Compressive Receivers.
N85-33288/0 **26**-*561,327* PC **A02**/MF **A01**

FOA-C-30385-E4
Kaenslighetsberaekning foer Kompressionsmottagare (Sensitivity of Compressive Receivers).
PB85-192300 **17**-*538,791* PC **E03**/MF **E01**

FOA-C-30386-E2
Digital Radiolaenk: Metod och Maetsystem foer Studium av Radiokanalen vid Frekvensselektiv Faedning (Digital Radio Link: A Method and Measuring System Designed for a Study of the Radiochannel during Frequency Selective Fading).
PB85-210490 **19**-*543,779* PC **E04**/MF **E01**

FOA-C-30387-E1
Hierarchical Chamfer Matching.
N85-33558/6 **26**-*560,692* PC **A05**/MF **A01**

FOA-C-30387-E1
Hierarchical Chamfer Matching (Hierarkisk Chamfermatchning).
PB85-203669 **18**-*540,643* PC **E05**/MF **E01**

FOA-C-30389-E3
Studier av Malsoekaralgoritmer i Bildalstrande IR-Sensorteknik mot Ytmal (Studies of Seeker Algorithms for IR-Sensors Against Surface Targets).
PB85-234037 **23**-*553,795* PC **E04**/MF **E01**

FOA-C-30390-E2
Frekvenshoppradio foer Kortvag: Laegesrapport foer ett Experimentsystem (Frequency-Hopping Radio for HF: An Experimental System).
PB85-245536 **26**-*561,342* PC **E03**/MF **E01**

FOA-C-30391-E1/E3
Microelectronic Image Sensors: A Status Report from the CTD-Team at FOA 3.
PB85-212785 **20**-*545,194* PC **E05**/MF **E01**

FOA-C-30392-E1
Erfarenheter av Cray-1 (Experiences of Cray-1).
PB85-223865 **21**-*547,974* PC **E04**/MF **E01**

FOA-C-30393-E1
Optiska Superdatorer och Magiska Speglar: Rapport Fran ICO-13 i Sapporo 1984-08-20--24 (Optical Supercomputers and Magic Mirrors: Report from ICO-13 in Sapporo August 1984).
PB85-234060 **23**-*552,849* PC **E04**/MF **E01**

FOA-C-30394-E1
Elektrooptisk Flygspaningskamera: Foersoekssystem och Simulering av Spaningssituation (Electro-Optical Air Reconnaissance Camera: An Experimental System Used in a Simulated Reconnaissance Environment).
PB85-241784 **26**-*561,311* PC **E04**/MF **E01**

FOA-C-30395-E1
Object Recognition Using the Hierarchical Chamfer Matching Algorithm (Objektigenkaenning med Hjaelp av den Hierarkiska Chamfermatchningsalgoritmen).
PB85-247096 **26**-*560,709* PC **E03**/MF **E01**

FOA-C-30399-A3
Sapiens Memo 9: Elektriska Faeltets Beroende av Avslutningens Induktans (Sapiens Memo 9: Dependence of the Electric Field on the Inductance of the Termination).
PB85-241792 **26**-*561,934* PC **E04**/MF **E01**

FOA-C-30400-E
Advances in High Frequency Applications of Superconducting Tunnel Junctions (Utvecklingen inom Hoegfrekvensapplikationer av Supraledande Tunneloevergangar).
PB85-245520 **26**-*560,737* PC **E03**/MF **E01**

FOA-C-40186-B4
Conditions for Microbial Growth in the FILTRA Steam Absorption Tower. A Study in Model Systems.
DE84702987 **03**-*507,028* PC **A02**/MF **A01**

FOA-C-40211-B4
Metod foer Bestaemning av Elementaert Svavel i Jetbraensle (Analytical Method for Determination of Elemental Sulfur in Jet Fuel).
PB85-223840 **22**-*550,358* PC **E04**/MF **E01**

FOA-C-40215-B4
Inhibering av Mikrobiell Aktivitet vid Oljelagring. Litteraturstudie och Inledande Foersoek (Inhibition of Microbial Activity in Oil Storage Facilities. A Literature Survey and Initial Experiments).
PB85-223832 **22**-*550,369* PC **E04**/MF **E01**

FOA-C-50007-H2
GRAL: Ett Grafiskt System foer Presentation av Laegeskartor (GRAL: A Graphic System for Situational Maps).
PB85-233286 **23**-*552,848* PC **E05**/MF **E01**

FOA-C-50008-H1
Rapport fran Underwater Engineering Symposium i Aberdeen 7-8 November 1984 (Report from Underwater Engineering Symposium in Aberdeen 7-8 November 1984).
PB85-233971 **23**-*553,584* PC **E04**/MF **E01**

FOA-C-50009-H3
Kartlaeggning av Attityder: En Analys av Uppfattningen om Olika Aspekter pa Livet i Nagra Vaestlaender (Mapping of Attitudes: An Analysis of Views on Different Aspects of Life in Some Western Countries).
PB85-233989 **23**-*552,206* PC **E03**/MF **E01**

FOA-C-50010-H2
Visibility of Noise in Homogeneous and Textured Areas (Synbarheten av Visuellt Brus i Homogena Omraden resp Omraden med Textur).
PB85-234078 **23**-*552,207* PC **E04**/MF **E01**

FOA-C-50011-H1
Mentala Sjukdomar och Handikapp av Betydelse foer Svensk Civilbefolkning vid Krigstillstand (Mental Diseases and Handicap of Importance to a Swedish Civil Population at War).
PB85-246171 **25**-*557,591* PC **E03**/MF **E01**

FOA-C-50012-H2
Dialogsystem foer PDP-11 (Dialogue System for PDP-11).
PB85-245496 **26**-*560,704* PC **E03**/MF **E01**

FOA-C-50013-H1
Foerekomst av Svamp, Saerskilt Ljumsk-, fot- och Nagelsvamp i Militaera Persedlar. Orienterande Studier Oever Rengoering (Occurrence of Fungi, Especially Fungi of Groin, Foot and Nails, in Military Equipment: Preliminary Studies on Cleaning).
PB85-245504 **25**-*557,684* PC **E03**/MF **E01**

FOA-C-50014-H3
Beskrivning och Analys av Civilfoersvarets Grundutbildning. Del 1. Utgangspunkter (Description and an Analysis of the Basic Training System in the Civil Defence. Part 1. Starting Points).
PB85-248482 **25**-*557,593* PC **E04**/MF **E01**

FOA-C-50015-H3
Beskrivning och Analys av Civilfoersvarets Grundutbildning. Del 2. Metoder (Description and an Analysis of the Basic Training System in the Civil Defence. Part 2. Methods).
PB85-248490 **25**-*557,594* PC **E03**/MF **E01**

FOA-C-50016-H3
Beskrivning och Analys av Civilfoersvarets Grundutbildning. Del 3. Resultat (Description and an Analysis of the Basic Training System in the Civil Defence. Part 3. Results).
PB85-248508 **25**-*557,595* PC **E04**/MF **E01**

FOA-C-50017-H3
Beskrivning och Analys av Civilfoersvarets Grundutbildning. Del 4. Foerslag foer att Utveckla Civilfoersvarets Utbildning (Description and an Analysis of the Basic Training System in the Civil Defence. Part 4. Recommendations to Develop the Training of the Civil Defence).
PB85-248532 **25**-*557,596* PC **E03**/MF **E01**

FOA-C-50018-H3
Beskrivning och Analys av Civilfoersvarets Grundutbildning. Del 3. Resultat. Analysbilaga 1. Beskrivning och Analys av Yttre Gestalter i Fack- och Befattningskurser (Description and an Analysis of the Basic Training System in the Civil Defence. Part 3. Results. Analysis Appendix 1).
PB85-248516 **25**-*557,596* PC **E04**/MF **E01**

FOA-C-50019-H3
Beskrivning och Analys av Civilfoersvarets Grundutbildning. Del 3. Resultat. Analysbilaga 2. Beskrivning och Analys av Laerares Foerestaellningar och Tolkningar (Description and an Analysis of the Basic Training System in the Civil Defence. Part 3. Results. Analysis Appendix 2).
PB85-246551 **25**-*557,592* PC **E04**/MF **E01**

FOA-C-50020-H3
Beskrivning och Analys av Civilfoersvarets Grundutbildning. Del 3. Reesultat. Analysbilaga 3. Beskrivning och Analys av Formella Styrdokument och Sekundaer Socialisation (Description and an Analysis of the Basic Training System in the Civil Defence. Part 3. Results. Analysis Appendix 3).
PB85-248524 **25**-*557,597* PC **E03**/MF **E01**

FOA-C-52006-H4-D7
Biological Effects of Blast and Impact Waves.
N85-21968/1 **14**-*531,266* PC **A05**/MF **A01**

FOA-C-53015-H2
Dynamic Decision Making.
N85-13668/7 **07**-*515,055* PC **A03**/MF **A01**

FOA-C-53015-H2
Dynamiskt Beslutsfattande (Dynamic Decision Making).
PB85-105450 **02**-*503,153* PC **E04**/MF **E01**

FOA-C-53018-H2
Using Gross Outline Features in Long Range Target Identification.
N85-11543/4 **04**-*508,396* PC **A02**/MF **A01**

FOA-C-53019-H
Activities Report for Foa 53: Laboratory for Man and Information Systems.
N85-26150/1 **18**-*540,621* PC **A02**/MF **A01**

FOA-C-53020-H2
Correlations between Selection Ratings and Success as Army Aviators.
N85-26144/4 **18**-*539,956* PC **A03**/MF **A01**

FOA-C-53020-H2
Correlations between Selection Ratings and Success as Army Aviators (Korrelationer Mellan Skattning vid Uttagning och Framgang som Armeflygfoerare).
PB85-157105 **10**-*521,314* PC **E04**/MF **E01**

FOA-C-54055-H1
Man's Physical Tolerance to Heat. Heat Storage, Burn Injury.
N85-11533/5 **04**-*508,667* PC **A04**/MF **A01**

FOA-C-54056-H1
SHELTER: En Beraekningsmodell foer Klimat i Skyddsrum (SHELTER: A Model for Calculating Climate in Shelters).
PB85-122265 **04**-*509,830* PC **E05**/MF **E01**

FOA-C-54057-H1
Vilda Vaexters Anvaendning som Foeda i Krissituationer. En Foerstudie oever Moejligheter och Begraensningar (Use of Wild Plants in Times of Crises. A Survey over Possibilities and Limitations).
PB85-122257 **04**-*508,459* PC **E04**/MF **E01**

FOA-C-54058-H1
Comparison Between Cycle Ergometers with Different Mechanical Braking Systems.
N85-16193/3 **10**-*522,492* PC **A03**/MF **A01**

FOA-C-54058-H1
Jaemfoerelse mellan Cykelergometrar med olika Mekaniska Bromssystem (Comparison between Cycle Ergometers with Different Mechanical Braking Systems).
PB85-122273 **04**-*508,420* PC **E04**/MF **E01**

FOA-C-54059-H1
Baerandet av Last i Militaerhistoriskt och Fysiologiskt Perspektiv - En Litteraturstudie (Military History and Physiology of Load Carriage - A Survey of Literature.
PB85-145894 **07**-*514,666* PC **E04**/MF **E01**

FOA-C-55063-H3
Perception of Enemy Threat: A Method for Assessing the Coping Potential (Perception av Hotet Fran en Inkraektare - En Method foer Maetning av Handlingspotential).
PB85-103976 **01**-*500,548* PC **E04**/MF **E01**

FOA-C-55064-H3
Decision Making in Stressful Conditions: A Model Based on the Coping Perspective.
N85-17738/4 **11**-*523,639* PC **A03**/MF **A01**

FOA-C-55064-H3
Decision Making in Stressful Conditions: A Model Based on the Coping Perspective (Beslutsfattande Under Stress: En Modell Baserad pa Coping-Paradigmet).
PB85-105468 **01**-*500,549* PC **E04**/MF **E01**

FOA-C-55065-H3
Aer Det Bra om 54% Tycker Att Det Aer Bra (Is It Satisfactory if 54% Think It Is Satisfactory).
PB85-145852 **09**-*518,589* PC **E04**/MF **E01**

FOA-C-55066-H3
Nordisk Militaerpsykologisk Konferens, 1984 (Nordic Military Psychology Conference, 1984).
PB85-145886 **09**-*518,584* PC **E03**/MF **E01**

FOA-C-56043-H2
Human Factors Engineering Contracts in Sweden: An Overview.
N85-31836/8 **23**-*552,143* PC **A04**/MF **A01**

FOA-C-56043-H2
Kontaktnaet Inom Svensk Ergonomi: En Oeversikt (Human Factors Contacts in Sweden. An Overview).
PB85-159523 **10**-*521,261* PC **E04**/MF **E01**

FOA-C-56044-H2
Human Factors Engineering Data Sources: An Overview.
N85-31837/6 **23**-*552,144* PC **A03**/MF **A01**

FOA-C-56044-H2
Kunskapskaellor Inom Ergonomi: En Oeversikt (Human Factors Data Sources. An Overview).
PB85-159622 **10**-*521,262* PC **E04**/MF **E01**

FOA-C-58014-H1
Experiments with Hydrox at 1.3 Mpa (13 ATM)
N85-13471/6 **07**-*514,622* PC **A07**/MF **A01**

FOA-C-58014-H1
Experiment med Hydrox (Hydrogen-Oxygen) pa 1,3 MPa (13 atm) (Experiments with Hydrox (Hydrogen-Oxygen) pa 1,3 MPa (13 atm).
PB85-104453 **01**-*500,868* PC **E06**/MF **E01**

FOA-C-58015-H1
Hydrogen-Oxygen (Hydrox) Breathing at 1.3MPA.
N85-18577/5 **12**-*526,536* PC **A06**/MF **A01**

FOA-C-58015-H1
Hydrogen-Oxygen (Hydrox) Breathing at 1,3 MPa.
PB85-145951 **09**-*516,259* PC **E06**/MF **E01**

FOA-C-59012-H1
Testing of Three Different Flight Suits in Fire Environment.
N85-11552/5 **04**-*508,614* PC **A04**/MF **A01**

FOA-C-60017-H1
Ej Tjaenstbara Vaernpliktiga Foedda 1953 (Unserviceable Conscripts Born in 1953).
PB85-238954 **24**-*554,882* PC **E04**/MF **E01**

FOA-E-10000-W1
Framtid foer Fjaerrvaerme (Future for District Heating).
PB85-176030 **14**-*532,000* PC **E05**/MF **E01**

FOA-E-30001-A3
EMP Injection on Conduit Entries, Type Brattberg.
N85-11290/2 **04**-*510,002* PC **A02**/MF **A01**

FOA-E-30003-A3
Electromagnetic Pulse (EMP) Injection on Cable Entries, Type Era, EMP Memo No. 10.
N85-21484/9 **14**-*531,643* PC **A02**/MF **A01**

FOA-E-30003-A3
EMP-Injicering pa Kabelgenomfoering Typ ERA, EMP Memo nr 10 (EMP Injection on Conduit Entries, Type ERA, EMP Memo No. 10).
PB85-156057 **10**-*521,989* PC **E03**/MF **E01**

FOA-E-30005-E2
Transient Overvoltages on AC Power Supply Systems in Swedish Industry (Naettransienter i Svensk Verkstadsindustri).
PB85-247252 **26**-*560,864* PC **E03**/MF **E01**

FOERSVARETS FORSKNINGSANSTALT, UMEA (SWEDEN).

FAO-C-40210-C3
Framstaellning av en Fluorokrom foer Tioler: N-(4-(7-dietylamino-4-metylkumarin-3-yl)fenyl)maleimid (CPM) (Preparation of a Fluorochrome for Tiols: N-4-(7-diethylamino-4-methylcoumarin-3-yl)phenyl)maleimide (CPM).
PB85-213056 **20**-*544,940* PC **E04**/MF **E01**

FOA-A-40046-B2
Equipment Development for Rapid Detection of Microorganisms in Air and Water.
N85-29410/6 **21**-*548,691* PC **A03**/MF **A01**

FOA-A-40046-B2
Utvecklad Apparatur foer Snabb Detektion av Mikroorganismer i Luft och Vatten (Developed Equipment for Rapid Detection of Microorganisms in Air and Water).
PB85-163863 **11**-*524,822* PC **E04**/MF **E01**

FOA-A-40048-C1
C-ordbok - Foerkortningar, Akronymer och Trivialnamn (Dictionary of Chemical Warfare Abbreviations, Acronyms and Colloquial Terms).
PB85-103984 **01**-*502,025* PC **E05**/MF **E01**

FOA-A-40050-C1-C2
Tva Foerslag Till Oevningsaemne foer Markindikering av Nervgas (Two Candidate Training Agents for the Detection of G-Agents).
PB85-169456 **12**-*526,713* PC **E03**/MF **E01**

FOA-A-40051-B4
Mikrobiella Problem vid Bergrumslagring av Jetbraensle. Utveckling av Process foer Rening av Korrosivt Jetbraensle (Microbial Problems in Connection with Storage of Jet Fuel in Rock Caverns. Development of a Process for Purification of Corrosive Jet Fuel).
PB85-246155 **26**-*560,267* PC **E04**/MF **E01**

FOA-B-40139-C1
Two Phase Discharge of Liquefied Gases Through Pipes. Field Experiments with Ammonia and Theoretical Model.

N85-29209/2 21-548,664 PC A02/MF A01

FOA-B-40139-C1
Two Phase Discharge of Liquefied Gases Through Pipes. Field Experiments with Ammonia and Theoretical Model (Tvafasutstroemning av Kondenserade Gaser Genom Roer. Faeltfoersoek med Ammoniak och Teoretisk Modell).
PB85-168847 12-526,624 PC E03/MF E01

FOA-B-40141-E3
Operational Numerical Model for Prediction of Fog and Stratus.
PB85-166692 12-526,041 PC E03/MF E01

FOA-C-40189-B4-PT-1
Method for Evaluation of Petroleum Products Corrosivity Using Piezoelectric Crystals, Part 1.
N84-33611/4 01-501,071 PC A03/MF A01

FOA-C-40191-C3
Stability of Atropine, Stored in the Swedish Autoinjector.
N84-34127/0 01-500,820 PC A02/MF A01

FOA-C-40194-B2
Function of a Device for Detection of Biological Aerosols in Field Testing.
N85-31782/4 23-553,679 PC A03/MF A01

FOA-C-40194-B2
Funktion av Bakterieaerosoldetektor vid Provning i Faelt (Function of Device for Detection of Biological Aerosols in Fieldtesting).
PB85-169118 13-529,836 PC E04/MF E01

FOA-C-40195-C1-H1
PH-Indicators for Low-Temperature Application (PH Indikatorer foer Anvaendning vid Laegre Temperaturer).
PB85-198174 18-540,294 PC E03/MF E01

FOA-C-40196-B4
Problem vid Lagring av Tjockolja i Bergrum. 1. Probleminventering (Problems in Connection with Storage of Heavy Fuel Oil. 1. Description of the Problems).
PB85-104289 01-502,729 PC E04/MF E01

FOA-C-40197-C2
Respiratory Protection for Children 3 - 6 Years of Age.
N85-11550/9 04-508,612 PC A03/MF A01

FOA-C-40198-B4
Method for Evaluating Petrol Products Corrosivity Using Piezoelectric Crystals. Part 2: Instruction Manual.
N85-13073/0 07-515,669 PC A02/MF A01

FOA-C-40198-B4
Korrosionsmaetmetod foer Petroleumprodukter Utnyttjande Piezoelektriska Kristaller. 2. Handledning (Method for Evaluation of Petroleum Products Corrosivity Using Piezoelectric Crystals. Part 2. Instruction Manual).
PB85-103992 02-504,083 PC E03/MF E01

FOA-C-40199-B1
Efficiency Tests of Samplers for Microbiological Aerosols, a Review.
N85-31783/2 23-553,680 PC A03/MF A01

FOA-C-40199-B1
Effektivitetstestning av Provtagare foer Mikrobiologiska Aerosoler - En Oeversikt (Efficiency Tests of Samplers for Microbiological Aerosols - A Review).
PB85-163780 11-523,836 PC E04/MF E01

FOA-C-40200-C2
Teori och Metod vid Utprovning av Andningsskydd foer Barn (Theories and Methods for Evaluation of Respiratory Protective Devices for Children).
PB85-104008 01-500,834 PC E04/MF E01

FOA-C-40201-B2
Investigation of Variation in the Concentration of Bacteria in Outdoor Testing, with the Use of a Detector for Aerosols of Bacteria.
N85-31784/0 23-553,681 PC A02/MF A01

FOA-C-40201-B2
Undersoekning av Variation i Bakteriekoncentration vid Utomhusprovtagningar med Anvaendande av Bakterieaerosoldetektor (Investigation of Variation in the Concentration of Bacteria at Outdoor Testing with the Use of a Detector for Aerosols of Bacteria).
PB85-199925 18-541,344 PC E03/MF E01

FOA-C-40202-B3
Duct-ELISA. Ett Saett att Identifiera Laga Halter 'Francisella tularensis' (Duct ELISA. A New Technique to Identify Low Numbers of 'Francisella tularensis').
PB85-147106 08-517,122 PC E03/MF E01

FOA-C-40203-B4
Microbial Aspects on Oil-Storage in Rock Caverns (Mikrobiella Aspekter pa Lagring av Olja i Bergrum).
PB85-163798 11-525,795 PC E04/MF E01

FOA-C-40204-B4
Mikrobiella Foerlopp i Slutfoervarat. Delrapport 2 (Microbial Processes in the Final Repository for Low- and Intermediate-Level Wastes. Part 2).
PB85-173961 13-530,668 PC E04/MF E01

FOA-C-40205-B2
Automatisk Snabbindikering av Bakterier i Vatten (Automatic Rapid Detection of Bacteria in Water).
PB85-203651 18-541,174 PC E04/MF E01

FOA-C-40206-C3
Distribution av Diisopropylfluorofosfat (DFP) i Moess: En Autoradiografisk Undersoekning (Distribution of Diisopropylfluorophosphate (DFP) in Mice: An Autoradiographic Study).
PB85-169167 13-528,830 PC E03/MF E01

FOA-C-40207-C2
Sanering av Stridsfordon med Jetmotor (Decontamination of Combat Vehicles with a Jet-Engine Exhaust).
PB85-210482 19-543,726 PC E04/MF E01

FOA-C-40208-C1(C2)
Prototype Test Chamber for Fit Testing of Protective Masks in the Field.
N85-31834/3 23-552,338 PC A02/MF A01

FOA-C-40208-C1-C2
Foerslag till Faeltmaessig Provkammare foer Tillpassningskontroll av Skyddsmask (Prototype Test Chamber for Fit Testing of Protective Masks in the Field).
PB85-168185 12-527,494 PC E03/MF E01

FOA-C-40209-C,B2
Solid Surface Characterization by Contact Angle Measurements.
N85-31483/9 23-553,672 PC A03/MF A01

FOA-C-40209-C2-B2
Kontaktvinkelmaetning. En Metod att Karakterisera Fasta Ytor (Solid Surface Characterization by Contact Angle Measurements).
PB85-168888 13-529,835 PC E04/MF E01

FOA-C-40212-C1/C3-H1
Bhopal Catastrophe: Consequences of a Liquified Gas Discharge (Katastrofen i Bhopal: Foeljderna av ett Utslaepp av en Kondenserad Gas).
PB85-196806 17-538,655 PC E04/MF E01

FOA-C-40214-C3
Apoatropin - En Moejlig Nedbrytningsprodukt vid Lagring av Atropin (Apoatropine - A Possible Decomposition Product on Storage of Atropine).
PB85-203644 18-540,256 PC E04/MF E01

FOA-E-40014
Undersoekning av Moejligheterna att Tillverka Aktivt Kol ur Inhemska Ravaror (Investigation of the Possibilities to Produce Active Carbon from Domestic Raw Products).
PB85-129864 06-513,210 PC E03/MF E01

FOA-E-40015
Undersoekning av Moejligheterna att Tillverka Kimroek ur Inhemska Ravaror (Investigation of the Possibilities to Produce Carbon Black from Domestic Raw Products).
PB85-129872 06-513,211 PC E03/MF E01

FOA-E-40016
Torv som Ravara foer Utvinning av Kemikalier (Peat as a Raw Material for Chemicals).
PB85-127959 05-512,622 PC E04/MF E01

FOA-E-40018
Organic Air Pollutants During Manufacturing and Handling of PVC Floor Tiles.
N85-31669/3 23-553,418 PC A05/MF A01

FOA-E-40018
Organiska Luftfoeroreningar vid Tillverkning och Hantering av PVC-Mattor (Organic Air Pollutants during Manufacturing and Handling of PVC Floor Tiles).
PB85-167203 12-526,532 PC E05/MF E01

FOA-E-40019
Nordic Association for Aerosol Research (NOSA) Aerosol Symposium: Program and Abstracts.
N85-33616/2 26-561,057 PC A04/MF A01

FOA-E-40019
NOSA (Nordiska Saellskapet foer Aerosolforskning) Aerosolsymposium, Umea, November 21-22, 1984: Program och Sammanfattningar (NOSA Aerosol Symposium, Umea, November 21-22, 1984: Program and Abstracts).
PB85-199917 18-541,155 PC E04/MF E01

FOA-E-40020
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DE85014475 **23**-*553,940* PC **A04**/MF **A01**

DOE/UMT-0234
Data for the Geochemical Investigation of UMTRAP Designated Site at Shiprock, New Mexico.
DE85014477 **23**-*553,941* PC **A04**/MF **A01**

DOE/UMT-0235
Geochemical Investigation of UMTRAP Designated Site at Salt Lake City, Utah.
DE85014478 **23**-*553,942* PC **A05**/MF **A01**

DOE/UMT-0236
Data for the Geochemical Investigation of UMTRAP Designated Site at Salt Lake City, Utah.
DE85014479 **23**-*553,943* PC **A04**/MF **A01**

DOE/UMT-0237
Data for the Geochemical Investigation of UMTRAP Designated Site at Mexican Hat, Utah.
DE85014480 **23**-*553,944* PC **A07**/MF **A01**

DOE/UMT-0238
Data for the Geochemical Investigation of UMTRAP Designated Sites at Rifle, Colorado.
DE85014481 **23**-*553,945* PC **A06**/MF **A01**

DOE/UMT-0239
Data for the Geochemical Investigation of UMTRAP Designated Site at Gunnison, Colorado.
DE85014482 **23**-*553,946* PC **A03**/MF **A01**

DOE/UMT-0240
Data for the Geochemical Investigation of UMTRAP Designated Site at Ambrosia Lake, New Mexico.
DE85014483 **23**-*553,947* PC **A03**/MF **A01**

DOE/UMT-0241
Data for the Geochemical Investigation of UMTRAP Designated Site at Falls City, Texas.
DE85014484 **23**-*553,948* PC **A03**/MF **A01**

DOE/UMT-0242
Data for the Geochemical Investigation of UMTRAP Designated Site at Tuba City, Arizona.
DE85014485 **23**-*553,949* PC **A04**/MF **A01**

DOE/UMT-0243
Data for the Geochemical Investigation of UMTRAP Designated Site at Lakeview, Oregon.
DE85014486 **23**-*553,950* PC **A03**/MF **A01**

DOE/UMT-0244
Data for the Geochemical Investigation of UMTRAP Designated Site at Green River, Utah.
DE85014487 **23**-*553,951* PC **A02**/MF **A01**

DOE/UMT-0245
Data for the Geochemical Investigation of UMTRAP Designated Sites at Slick Rock, Colorado.
DE85014488 **23**-*553,952* PC **A03**/MF **A01**

DOE/UMT-0246
Data for the Geochemical Investigation of UMTRAP Designated Site at Maybell, Colorado.
DE85014489 **23**-*553,953* PC **A02**/MF **A01**

DOE/UMT-0247
Data for the Geochemical Investigation of UMTRAP Designated Site at Monument Valley, Arizona.
DE85014490 **23**-*553,954* PC **A02**/MF **A01**

DOE/UMT-0248
Data for the Geochemical Investigation of UMTRAP Designated Site at Converse County, Wyoming.
DE85014491 **23**-*553,955* PC **A02**/MF **A01**

DOE/UMT-0249
Data for the Geochemical Investigation of UMTRAP Designated Site at Lowman, Idaho.
DE85014492 **23**-*553,956* PC **A02**/MF **A01**

GECR-822
Geochemical Investigation of UMTRAP Designated Site at Durango, Colorado.
DE85014470 **23**-*553,935* PC **A05**/MF **A01**

GECR-823
Geochemical Investigation of UMTRAP Designated Site at Riverton, Wyoming.
DE85014472 **23**-*553,937* PC **A05**/MF **A01**

GECR-824
Geochemical Investigation of UMTRAP Designated Site at Grand Junction, Colorado.
DE85014474 **23**-*553,939* PC **A05**/MF **A01**

GECR-826
Geochemical Investigation of UMTRAP Designated Site at Salt Lake City, Utah.
DE85014478 **23**-*553,942* PC **A05**/MF **A01**

GECR-833
Data for the Geochemical Investigation of UMTRAP Designated Sites at Rifle, Colorado.
DE85014481 **23**-*553,945* PC **A06**/MF **A01**

GECR-834
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DE85014482 **23**-*553,946* PC **A03**/MF **A01**

GECR-835
Data for the Geochemical Investigation of UMTRAP Designated Site at Ambrosia Lake, New Mexico.
DE85014483 **23**-*553,947* PC **A03**/MF **A01**

GECR-836
Data for the Geochemical Investigation of UMTRAP Designated Site at Falls City, Texas.
DE85014484 **23**-*553,948* PC **A03**/MF **A01**

GECR-837
Data for the Geochemical Investigation of UMTRAP Designated Site at Tuba City, Arizona.
DE85014485 **23**-*553,949* PC **A04**/MF **A01**

GECR-838
Data for the Geochemical Investigation of UMTRAP Designated Site at Lakeview, Oregon.
DE85014486 **23**-*553,950* PC **A03**/MF **A01**

GECR-839
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DE85014487 **23**-*553,951* PC **A02**/MF **A01**

GECR-8212
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GECR-8213
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DE85014471 **23**-*553,936* PC **A04**/MF **A01**

GECR-8214
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DE85014473 **23**-*553,938* PC **A04**/MF **A01**

GECR-8215
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DE85014475 **23**-*553,940* PC **A04**/MF **A01**

GECR-8216
Data for the Geochemical Investigation of UMTRAP Designated Site at Shiprock, New Mexico.
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GECR-8217
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GECR-8310
Data for the Geochemical Investigation of UMTRAP Designated Sites at Slick Rock, Colorado.
DE85014488 **23**-*553,952* PC **A03**/MF **A01**

GECR-8311
Data for the Geochemical Investigation of UMTRAP Designated Site at Maybell, Colorado.
DE85014489 **23**-*553,953* PC **A02**/MF **A01**

GECR-8312
Data for the Geochemical Investigation of UMTRAP Designated Site at Monument Valley, Arizona.
DE85014490 **23**-*553,954* PC **A02**/MF **A01**

GECR-8313
Data for the Geochemical Investigation of UMTRAP Designated Site at Converse County, Wyoming.
DE85014491 **23**-*553,955* PC **A02**/MF **A01**

GECR-8314
Data for the Geochemical Investigation of UMTRAP Designated Site at Lowman, Idaho.
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Practical Implications of the Use of Aluminide Coatings for the Corrosion Protection of Superalloys in Gas Turbines.
AD-P004 221/8 **06**-*513,523* PC **A03**/MF **A01**

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EMD-79-52 **01**-*502,176* PC **A03**/MF **A01**

Federal Government Needs a Comprehensive Program to Curb Its Energy Use.
EMD-80-11 **01**-*501,419* PC **A04**/MF **A01**

Policy Conflict - Energy, Environmental, and Materials: Automotive Fuel-Economy Standards' Implications for Materials.
EMD-80-22 **01**-*501,850* MF **A01**

Gasoline Allocation: A Chaotic Program in Need of Overhaul.
EMD-80-34 **01**-*500,253* PC **A06**/MF **A01**

Geothermal Energy: Obstacles and Uncertainties Impede Its Widespread Use.
EMD-80-36 **01**-*501,420* PC **A04**/MF **A01**

Federal Demonstrations of Solar Heating and Cooling on Commercial Buildings Have Not Been Very Effective.
EMD-80-41 **01**-*501,698* PC **A03**/MF **A01**

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EMD-80-70 **01**-*501,421* PC **A04**/MF **A01**

Department of Energy's Safety and Health Program for Enrichment Plant Workers Is Not Adequately Implemented.
EMD-80-78 **01**-*500,740* PC **A03**/MF **A01**

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B-215984
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PB85-113512 **03**-*505,449* PC **A05**/MF **A01**

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Accuracy, Cost, and Users of the Consolidated Federal Funds Report.
PB85-113512 **03**-*505,449* PC **A05**/MF **A01**

Need to Strengthen Audit Oversight on Existing and Future Block Grant Programs (AFMD-82-25).
AD-A146 136/7 **01**-*500,431* PC **A02**/MF **A01**

CARE (Controls and Risk Evaluation) Audit Methodology to Review and Evaluate Agency Accounting and Financial Management Systems.
PB85-245256 **25**-*557,338* PC **A07**/MF **A01**

CARE (Controls and Risk Evaluation) Audit Methodology to Review and Evaluate Agency Accounting and Financial Management Systems. Appendixes.
PB85-245264 **25**-*557,339* PC **A19**/MF **A01**

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GAO/FPCD-82-6
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AD-A146 043/5 **01**-*500,394* PC **A02**/MF **A01**

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B-133223
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PB85-199941 **18**-*539,993* PC **A03**/MF **A01**

B-133223
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PB85-205573 **18**-*540,003* PC **A02**/MF **A01**

B-197739
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PB85-104099 **01**-*500,568* PC **A04**/MF **A01**

B-198218
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PB85-210623 **19**-*542,328* PC **A03**/MF **A01**

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PB85-125607 **05**-*510,847* PC **A04**/MF **A01**

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PB85-122521 **04**-*508,213* PC **A04**/MF **A01**

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PB85-129781 **05**-*510,937* PC **A02**/MF **A01**

B-202245
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PB85-236883 **24**-*554,814* PC **A03**/MF **A01**

B-202792
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PB85-240919 **24**-*554,731* PC **A03**/MF **A01**

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PB85-186575 **16**-*535,323* PC **A05**/MF **A01**

B-206994
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PB85-188175 **17**-*537,391* PC **A03**/MF **A01**

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PB85-122554 **04**-*508,178* PC **A04**/MF **A01**

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PB85-146538 **08**-*518,282* PC **A04**/MF **A01**

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PB85-185205 **15**-*533,060* PC **A08**/MF **A01**

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PB85-104412 **01**-*500,261* PC **A03**/MF **A01**

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PB85-152700 **10**-*521,164* PC **A06**/MF **A01**

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PB85-103448 **01**-*500,292* PC **A02**/MF **A01**

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PB85-115269 **03**-*505,616* PC **A03**/MF **A01**

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PB85-174399 **14**-*531,141* PC **A03**/MF **A01**

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PB85-172294 **13**-*528,479* PC **A02**/MF **A01**

B-215403
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PB85-152262 **10**-*521,160* PC **A02**/MF **A01**

B-215590
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PB85-239473 **24**-*554,315* PC **A03**/MF **A01**

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PB85-135101 **05**-*510,913* PC **A03**/MF **A01**

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PB85-195394 **17**-*537,194* PC **A03**/MF **A01**

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PB85-137602 **05**-*510,762* PC **A02**/MF **A01**

B-216217
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PB85-191039 **17**-*537,267* PC **A02**/MF **A01**

B-217030
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PB85-195378 **17**-*537,193* PC **A04**/MF **A01**

B-217032
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PB85-154615 **10**-*521,306* PC **A03**/MF **A01**

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PB85-212900 **20**-*544,720* PC **A05**/MF **A01**

B-217417
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PB85-149862 **06**-*515,883* PC **A02**/MF **A01**

B-217614
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PB85-172302 **13**-*528,639* PC **A02**/MF **A01**

B-217643
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PB85-238681 **24**-*554,724* PC **A03**/MF **A01**

B-217675
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PB85-173268 **13**-*528,640* PC **A06**/MF **A01**

B-217677
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PB85-222511 **21**-*547,331* PC **A03**/MF **A01**

B-217783
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PB85-186591 **17**-*537,187* PC **A02**/MF **A01**

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PB85-209542 **19**-*542,327* PC **A05**/MF **A01**

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PB85-210631 **19**-*542,329* PC **A04**/MF **A01**

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PB85-208841 **19**-*542,324* PC **A02**/MF **A01**

B-217976
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PB85-241339 **24**-*554,734* PC **A02**/MF **A01**

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PB85-208825 **19**-*542,323* PC **A03**/MF **A01**

B-218635
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PB85-209559 **19**-*543,638* PC **A03**/MF **A01**

B-218874
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PB85-226231 **22**-*549,549* PC **A03**/MF **A01**

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PB85-103448 **01**-*500,292* PC **A02**/MF **A01**

GAO/GGD-84-87
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GAO/GGD-84-90
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AD-A145 982/5 **01**-*500,388* PC **A03**/MF **A01**

GAO/GGD-85-3
GAO's (General Accounting Office's) Third Biennial Report on the Transfer of Excess and Surplus Federal Personal Property to Nonfederal Organizations.
PB85-125607 **05**-*510,847* PC **A04**/MF **A01**

GAO/GGD-85-4
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PB85-115269 **03**-*505,616* PC **A03**/MF **A01**

GAO/GGD-85-6
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PB85-129781 **05**-*510,937* PC **A02**/MF **A01**

GAO/GGD-85-7
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PB85-137602 **05**-*510,762* PC **A02**/MF **A01**

GAO/GGD-85-8
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PB85-122554 **04**-*508,178* PC **A04**/MF **A01**

GAO/GGD-85-9
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PB85-152700 **10**-*521,164* PC **A06**/MF **A01**

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PB85-152718 **10**-*521,165* PC **A07**/MF **A01**

GAO/GGD-85-10
Congress Should Consider Changing Federal Income Taxation of the Property/Casualty Insurance Industry.
PB85-185205 **15**-*533,060* PC **A08**/MF **A01**

GAO/GGD-85-11
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PB85-195394 **17**-*537,194* PC **A03**/MF **A01**

GAO/GGD-85-12
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GAO/GGD-85-13
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GAO/GGD-85-14
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PB85-188175 **17**-*537,391* PC **A03**/MF **A01**

GAO/GGD-85-16
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PB85-152262 **10**-*521,160* PC **A02**/MF **A01**

GAO/GGD-85-17
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PB85-122521 **04**-*508,213* PC **A04**/MF **A01**

GAO/GGD-85-18
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GAO/GGD-85-19
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PB85-199941 18-539,993 PC A03/MF A01

GAO/GGD-85-20
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PB85-135101 05-510,913 PC A03/MF A01

GAO/GGD-85-21
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PB85-210631 19-542,329 PC A04/MF A01

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PB85-210623 19-542,328 PC A03/MF A01

GAO/GGD-85-24
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PB85-212900 20-544,720 PC A05/MF A01

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PB85-149862 08-515,883 PC A02/MF A01

GAO/GGD-85-28
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PB85-195378 17-537,193 PC A04/MF A01

GAO/GGD-85-29
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PB85-205573 18-540,003 PC A02/MF A01

GAO/GGD-85-30
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GAO/GGD-85-31
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PB85-172302 13-528,639 PC A02/MF A01

GAO/GGD-85-32
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PB85-186575 16-535,323 PC A05/MF A01

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PB85-173268 13-528,640 PC A06/MF A01

GAO/GGD-85-44
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PB85-186591 17-537,187 PC A02/MF A01

GAO/GGD-85-45
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PB85-191039 17-537,267 PC A02/MF A01

GAO/GGD-85-52
Mail Delivery Procedures in White Plains, New York.
PB85-208841 19-542,324 PC A02/MF A01

GAO/GGD-85-53
Whistleblower Complainants Rarely Qualify for Office of the Special Counsel Protection.
PB85-209542 19-542,327 PC A05/MF A01

GAO/GGD-85-54
Benefit Practices for Permanent and Temporary Federal Employees.
PB85-222511 21-547,331 PC A03/MF A01

GAO/GGD-85-55
Relocation of the EPA (Environmental Protection Agency) Regional Office from Kansas City, Missouri, to Kansas City, Kansas.
PB85-208825 19-542,323 PC A03/MF A01

GAO/GGD-85-56
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PB85-209559 19-543,638 PC A03/MF A01

GAO/GGD-85-58
Statistics on Sentences and Parole for Federal Offenders Who Commit Crimes Involving Firearms.
PB85-239473 24-554,815 PC A03/MF A01

GAO/GGD-85-59
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PB85-226231 22-549,549 PC A03/MF A01

GAO/GGD-85-61
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PB85-241339 24-554,734 PC A02/MF A01

GAO/GGD-85-67
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PB85-238681 24-554,724 PC A03/MF A01

GAO/GGD-85-69
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PB85-240919 24-554,731 PC A03/MF A01

GAO/GGD-85-74
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GGD-84-79
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PB85-104412 01-500,261 PC A03/MF A01

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B-200518
Better Federal Program Administration Can Contribute to Improving State Foster Care Programs.
PB85-101764 01-500,558 PC A05/MF A01

B-204545
Improved Efforts Needed to Relieve Medicaid from Paying for Services Covered by Private Insurers.
PB85-167617 12-526,452 PC A04/MF A01

B-204640
Legislation to Authorize VA (Veterans Administration) Recoveries from Private Health Insurance Would Result in Substantial Savings.
PB85-172310 13-528,754 PC A06/MF A01

B-207182
HHS' (Department of Health and Human Services) Implementation of Superfund Health-Related Responsibilities.
PB85-115285 03-505,710 PC A03/MF A01

B-207683
Many Proprietary Schools Do Not Comply with Department of Education's Pell Grant Program Requirements.
PB85-102978 01-500,518 PC A04/MF A01

B-208484
Eligibility Verification and Privacy in Federal Benefit Programs: A Delicate Balance.
PB85-174381 14-531,088 PC A06/MF A01

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PB85-201739 **18**-539,903 PC **A03**/MF **A01**

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GAO/RCED-85-55
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PB85-186815 **15**-*534,215* PC **A05**/MF **A01**

GAO/RCED-85-70
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PB85-174407 **14**-*532,824* PC **A03**/MF **A01**

GAO/RCED-85-72
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PB85-205565 **18**-*539,850* PC **A03**/MF **A01**

GAO/RCED-85-77
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GAO/RCED-85-78
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GAO/RCED-85-87
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GAO/RCED-85-88
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ASR-1
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(NASA-CR-174765)
N85-27261/5 **19**-*544,429* PC **A06**/MF **A01**

ASR-1
Elevated Temperature Crack Growth.
(NASA-CR-174957)
N85-33540/4 **26**-*562,049* PC **A04**/MF **A01**

ASR-2
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(NASA-CR-174925)
N85-32119/8 **24**-*557,184* PC **A07**/MF **A01**

E-2282
Experimental Investigation of Shock-Cell Noise Reduction for Single Stream Nozzles in Simulated Flight.
(NASA-CR-3845)
N85-13550/7 **07**-*515,688* PC **A17**/MF **A01**

E-2283
Experimental Investigation of Shock-Cell Noise Reduction for Dual-Stream Nozzles in Simulated Flight.

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N85-13549/9 **07**-*515,687* PC **A09**/MF **A01**

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NAS 1.26:165558
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(NASA-CR-174751)
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R81AEG709
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AD-A153 251/4 **15**-*533,677* PC **A02**/MF **A01**

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PB85-128007 **05**-*511,401* PC **A13**/MF **A01**

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PB85-128015 **05**-*511,402* PC **A09**/MF **A01**

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PB85-239606 **25**-*558,078* PC **A10**/MF **A01**

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PB85-126092 **04**-*508,968* PC **A09**

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PB85-210920 **19**-*542,943* PC **A12**/MF **A01**

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PB85-128031 **05**-*511,404* PC **A99**/MF **A01**

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PB85-128411 **05**-*511,408* PC **A10**/MF **A01**

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Water Resources Data for Montana, Water Year 1984. Volume 2. Columbia River Basin.
PB85-235984 **23**-*552,689* PC **A09**/MF **A01**

USGS/WRD/HD-84/032
Water Resources Data for Montana, Water Year 1983. Volume 2. Columbia River Basin.
PB85-128411 **05**-*511,408* PC **A10**/MF **A01**

USGS/WRD/HD-84/050
Water Resources Data for Montana, Water Year 1983. Volume 1. Hudson Bay Basin, Missouri River Basin.
PB85-128031 **05**-*511,404* PC **A99**/MF **A01**

USGS/WRD/HD-85/227
Water Resources Data for Montana, Water Year 1984. Volume 2. Columbia River Basin.
PB85-235984 **23**-*552,689* PC **A09**/MF **A01**

GEOLOGICAL SURVEY, HONOLULU, HI. WATER RESOURCES DIV.

USGS/WDR/HI-83/01
Water Resources Data for Hawaii and other Pacific Areas, Water Year 1983. Volume 1. Hawaii.
PB85-125623 **05**-*511,388* PC **A12**/MF **A01**

USGS/WDR/HI-83/02
Water Resources Data for Hawaii and other Pacific Areas, Water Year 1983. Volume 2. Guam, Northern Mariana Islands, Federated States of Micronesia, Palau, and American Samoa.
PB85-127769 **05**-*511,397* PC **A09**/MF **A01**

USGS/WRD/HD-84/033
Water Resources Data for Hawaii and other Pacific Areas, Water Year 1983. Volume 1. Hawaii.
PB85-125623 **05**-*511,388* PC **A12**/MF **A01**

USGS/WRD/HD-84/062
Water Resources Data for Hawaii and other Pacific Areas, Water Year 1983. Volume 2. Guam, Northern Mariana Islands, Federated States of Micronesia, Palau, and American Samoa.
PB85-127769 **05**-*511,397* PC **A09**/MF **A01**

GEOLOGICAL SURVEY, HURON, SD. WATER RESOURCES DIV.

USGS/WDR/SD-83/1
Water Resources Data for South Dakota, Water Year 1983.
PB85-127850 **06**-*513,373* PC **A13**/MF **A01**

USGS/WRD/HD-84/063
Water Resources Data for South Dakota, Water Year 1983.
PB85-127850 **06**-*513,373* PC **A13**/MF **A01**

GEOLOGICAL SURVEY, IDAHO FALLS, ID.

DOE/ID-22067
Description and Hydrogeologic Implications of Cored Sedimentary Material from the 1975 Drilling Program at the Radioactive Waste Management Complex, Idaho.
DE85002168 **08**-*517,513* PC **A03**/MF **A01**

USGS/WRI-84-4071
Description and Hydrogeologic Implications of Cored Sedimentary Material from the 1975 Drilling Program at the Radioactive Waste Management Complex, Idaho.
DE85002168 **08**-*517,513* PC **A03**/MF **A01**

GEOLOGICAL SURVEY, INDIANAPOLIS, IN. WATER RESOURCES DIV.

USGS/WDR/IN-83/1
Water Resources Data for Indiana, Water Year 1983.
PB85-127355 **05**-*511,392* PC **A14**/MF **A01**

USGS/WRD/HD-84/044
Water Resources Data for Indiana, Water Year 1983.
PB85-127355 **05**-*511,392* PC **A14**/MF **A01**

GEOLOGICAL SURVEY, IOWA CITY, IA. WATER RESOURCES DIV.

USGS/WDR/IA-83/1
Water Resources Data for Iowa, Water Year 1983.
PB85-126019 **05**-*511,389* PC **A14**/MF **A01**

USGS/WRD/HD-84/052
Water Resources Data for Iowa, Water Year 1983.
PB85-126019 **05**-*511,389* PC **A14**/MF **A01**

GEOLOGICAL SURVEY, ITHACA, NY. WATER RESOURCES DIV.

USGS/WDR/NY-83/3
Water Resources Data for New York, Water Year 1983. Volume 3. Western New York.
PB85-127991 **05**-*511,400* PC **A10**/MF **A01**

USGS/WRD/HD-84/034
Water Resources Data for New York, Water Year 1983. Volume 3. Western New York.
PB85-127991 **05**-*511,400* PC **A10**/MF **A01**

Preliminary Evaluation of Chemical Migration to Groundwater and the Niagara River from Selected Waste-Disposal Sites.
(EPA/905/4-85/001)
PB85-247070 **26**-*560,612* PC **A20**/MF **A01**

GEOLOGICAL SURVEY, LAKEWOOD, CO.

USGS-OFR-84-450
Geohydrologic Data for Test Well UE-25P No. 1, Yucca Mountain Area, Nye County, Nevada.
DE85001508 **05**-*512,273* PC **A04**/MF **A01**

USGS-OFR-84-580
Hydrogeologic Monitoring at the Faultless Site, Nye County, Nevada.
DE85014458 **22**-*551,079* PC **A03**/MF **A01**

USGS/WRI-84-4272
Geohydrology of Test Well USW H-3, Yucca Mountain, Nye County, Nevada.
DE85009134 **15**-*534,592* PC **A03**/MF **A01**

USGS/WRI-84-4345
Conceptual Hydrologic Model of Flow in the Unsaturated Zone, Yucca Mountain, Nevada.
DE85008346 **18**-*541,523* PC **A04**/MF **A01**

USGS/WRIR-83-4218
Regional Hydrology of the Blanding-Durango Area, Southern Paradox Basin, Utah and Colorado.
DE84017236 **03**-*505,979* PC **A06**/MF **A01**

USGS/WRIR-84-4133
Hydrogeologic Reconnaissance of the San Miguel River Basin, Southwestern Colorado.
DE85005203 **10**-*521,848* PC **A04**/MF **A01**

GEOLOGICAL SURVEY, LAKEWOOD, CO. WATER RESOURCES DIV.

USGS/WDR/CO-83/1
Water Resources Data for Colorado, Water Year 1983. Volume 1. Missouri River Basin, Arkansas River Basin, and Rio Grande Basin.
PB85-123859 **04**-*508,961* PC **A17**/MF **A01**

USGS/WDR/CO-83/2
Water Resources Data for Colorado, Water Year 1983. Volume 2. Colorado River Basin above Dolores River.
PB85-123867 **04**-*508,962* PC **A14**/MF **A01**

USGS/WDR/CO-83/3
Water Resources Data for Colorado, Water Year 1983. Volume 3. Dolores River Basin, Green River Basin, and San Juan River Basin.
PB85-210946 **19**-*542,945* PC **A13**/MF **A01**

USGS/WRD/HD-84/035
Water Resources Data for Colorado, Water Year 1983. Volume 1. Missouri River Basin, Arkansas River Basin, and Rio Grande Basin.
PB85-123859 **04**-*508,961* PC **A17**/MF **A01**

USGS/WRD/HD-84/036
Water Resources Data for Colorado, Water Year 1983. Volume 2. Colorado River Basin above Dolores River.
PB85-123867 **04**-*508,962* PC **A14**/MF **A01**

USGS/WRD/HD-84/37
Water Resources Data for Colorado, Water Year 1983. Volume 3. Dolores River Basin, Green River Basin, and San Juan River Basin.
PB85-210946 **19**-*542,945* PC **A13**/MF **A01**

USGS/WRI-84-4197
Ground-Water Level Data and Preliminary Potentiometric-Surface Maps, Yucca Mountain and Vicinity, Nye County, Nevada.
DE85001771 **04**-*510,066* PC **A02**/MF **A01**

GEOLOGICAL SURVEY, LANSING, MI. WATER RESOURCES DIV.

USGS/WDR/MI-84/1
Water Resources Data for Michigan, Water Year 1984
PB85-237741 **24**-*555,404* PC **A13**/MF **A01**

USGS/WRD/HD-85/229
Water Resources Data for Michigan, Water Year 1984.
PB85-237741 **24**-*555,404* PC **A13**/MF **A01**

GEOLOGICAL SURVEY, LAS VEGAS, NV.

USGS-OFR-83-586
Results of Oil-Shale Investigations in Northeastern Nevada.
DE85009694 **18**-*540,460* PC **A09**/MF **A01**

GEOLOGICAL SURVEY, LAWRENCE, KS. WATER RESOURCES DIV.

USGS/WDR/KS-83/1
Water Resources Data for Kansas, Water Year 1983.
PB85-167740 **12**-*526,783* PC **A21**/MF **A01**

USGS/WRD/HD-84/068
Water Resources Data for Kansas, Water Year 1983.
PB85-167740 **12**-*526,783* PC **A21**/MF **A01**

GEOLOGICAL SURVEY, LINCOLN, NE. WATER RESOURCES DIV.

USGS/WDR/NE-83/1
Water Resources Data for Nebraska, Water Year 1983.
PB85-170371 **12**-*526,797* PC **A18**/MF **A01**

USGS/WRD/HD-85/205
Water Resources Data for Nebraska, Water Year 1983.
PB85-170371 **12**-*526,797* PC **A18**/MF **A01**

GEOLOGICAL SURVEY, LITTLE ROCK, AR. WATER RESOURCES DIV.

USGS/WDR/AR-83/1
Water Resources Data for Arkansas, Water Year 1983.
PB85-168722 **12**-*526,787* PC **A24**/MF **A01**

USGS/WRD/HD-85/202
Water Resources Data for Arkansas, Water Year 1983.
PB85-168722 **12**-*526,787* PC **A24**/MF **A01**

GEOLOGICAL SURVEY, MADISON, WI. WATER RESOURCES DIV.

USGS/WDR/WI-83/1
Water Resources Data for Wisconsin, Water Year 1983.
PB85-128379 **05**-*511,406* PC **A16**/MF **A01**

USGS/WRD/HD-84/039
Water Resources Data for Wisconsin, Water Year 1983.
PB85-128379 **05**-*511,406* PC **A16**/MF **A01**

GEOLOGICAL SURVEY, MENLO PARK, CA.

DOE/NV/10180-1
Northwest Geothermal Corp.'s (NGC) Plan of Exploration, Mt. Hood Area, Clackamas County, Oregon.
DE85005476 **11**-*524,337* PC **A04**/MF **A01**

SANL-126-016
Permeability and Fluid Chemistry Studies of the Topopah Spring Member of the Paintbrush Tuff, Nevada Test Site: Part 2.
DE85012967 **23**-*553,910* PC **A03**/MF **A01**

SANL-324-001
Changes in Permeability and Fluid Chemistry of the Topopah Spring Member of the Paintbrush Tuff (Nevada Test Site) when Held in a Temperature Gradient: Summary of Results.
DE85001000 **09**-*519,991* PC **A03**/MF **A01**

UCRL-15620
Changes in Permeability and Fluid Chemistry of the Topopah Spring Member of the Paintbrush Tuff (Nevada Test Site) when Held in a Temperature Gradient: Summary of Results.
DE85001000 **09**-*519,991* PC **A03**/MF **A01**

UCRL-15667
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DE85012967 **23**-*553,910* PC **A03**/MF **A01**

USGS/GD-85/005
Principal Facts, Accuracies, and Sources for 1,951 Gravity Stations on the Winnemucca 1 deg by 2 deg Quadrangle, Nevada.
PB85-235927 **24**-*555,371* PC **A05**/MF **A01**

USGS-OFR-84-15
Report on Televiewer LOG and Stress Measurements in Core Hole USW-G1, Nevada Test Site, December 13-22, 1981.
DE85006611 **12**-*527,789* PC **A03**/MF **A01**

USGS-OFR-84-524
Index to Published Geologic Maps in the Region around the Potential Yucca Mountain Nuclear Waste Repository Site, Southern Nye County, Nevada.
DE85000260 **07**-*515,389* PC **A03**/MF **A01**

USGS-OFR-84-777
Handtc: A FORTRAN Program to Calculate Inner-Zone Terrain Corrections.
DE85011196 **18**-*540,445* PC **A02**/MF **A01**

USGS-OFR-84-792
Summary of Geologic Studies Through January 1, 1983, of a Potential High-Level Radioactive Waste Repository Site at Yucca Mountain, Southern Nye County, Nevada.
DE85008741 **20**-*546,227* PC **A11**/MF **A01**

USGS-OFR-85-36
Comparison of Survey and Photogrammetry Methods to Position Gravity Data, Yucca Mountain, Nevada.
DE85011685 **19**-*542,892* PC **A02**/MF **A01**

GEOLOGICAL SURVEY, NASHVILLE, TN. WATER RESOURCES DIV.

USGS/WDR/TN-83/1
Water Resources Data for Tennessee, Water Year 1983.
PB85-127462 **05**-*511,395* PC **A15**/MF **A01**

USGS/WDR/TN-84/1
Water Resources Data for Tennessee, Water Year 1984.
PB85-232338 **23**-*552,675* PC **A15**/MF **A01**

USGS/WRD/HD-84/056
Water Resources Data for Tennessee, Water Year 1983.
PB85-127462 **05**-*511,395* PC **A15**/MF **A01**

USGS/WRD/HD-85/216
Water Resources Data for Tennessee, Water Year 1984.
PB85-232338 **23**-*552,675* PC **A15**/MF **A01**

GEOLOGICAL SURVEY OF ALABAMA, UNIVERSITY.

Water Quality Management Studies. Postimpoundment Study of R.E. 'Bob' Woodruff Lake, Alabama River, Alabama.
(COESAM/PD-EE-84/005)
AD-A149 944/1 **09**-*518,986* MF **A01**

Study of Seismicity and Earthquake Hazard in Northern Alabama and Adjacent Parts of Tennessee and Georgia.
NUREG/CR-4058-V1 **07**-*514,772* PC **A03**/MF **A01**

GEOLOGICAL SURVEY OF CANADA, OTTAWA (ONTARIO).

GSCan-Bull-360
Natural Background Radiation in Canada.
DE85701960 **26**-*561,509* PC **A03**/MF **A01**

GSCan-P-83-1A
Current Research: Part A. (Geological Survey of Canada).
DE85781277 **25**-*558,067* PC **A22**/MF **A01**

GSCan-P-83-1B
Current Research: Part B. (Geological Survey of Canada).
DE85781278 **25**-*558,068* PC **A20**/MF **A01**

GSCAN-P-84-1A
Current Research. Part A. (Geological Survey of Canada).
DE85780943 **24**-*555,385* PC **A99**/MF **A01**

GSCan-P-84-1B
Current Research: Part B. (Geological Survey of Canada).
DE85781279 **25**-*558,055* PC **A19**/MF **A01**

NP-4901765
Fracture Framework: A Controlling Factor in the Accumulation of Hydrocarbons in Southwestern Ontario.
DE84901765 **03**-*505,962* PC **A02**/MF **A01**

GEOLOGICAL SURVEY OF JAPAN, YATABE.

CRUISE-20
Marine Geology, Geophysycs, and Manganese Nodules in the Northern Vicinity of the Magellan Trough, August-October 1980 (GH80-5 Cruise).
PB85-206290 **18**-*540,483* PC **E12**/MF **E01**

INIS-mf-9125
Analytically Solvable Multichannel Schroedinger Model for Hadron Spectroscopy.
DE85780126 **10**-*523,029* PC **A02**/MF **A01**

REPT-263
Geologic Evolution Resources and Geologic Hazards: Proceedings of the International Centennial Symposium, Geological Survey of Japan.
PB85-230159 **23**-*552,654* PC **E14**/MF **E01**

Bulletin of the Geological Survey of Japan, Vol. 35, No. 5, May 1984.
PB85-169043 **12**-*526,766* PC **E04**/MF **E01**

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PB85-169050 **12**-*526,767* PC **E04**/MF **E01**

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PB85-169068 **12**-*526,753* PC **E04**/MF **E01**

Bulletin of the Geological Survey of Japan, Vol. 35, No. 8, August 1984.
PB85-169076 **12**-*526,768* PC **E04**/MF **E01**

Bulletin of the Geological Survey of Japan, Vol. 35, No. 9, September 1984.
PB85-169084 **12**-*526,769* PC **E04**/MF **E01**

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PB85-169092 **12**-*526,790* PC **E04**/MF **E01**

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PB85-205524 **18**-*540,479* PC **E06**/MF **E01**

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PB85-205532 **18**-*540,480* PC **E04**/MF **E01**

Bulletin of the Geological Survey of Japan, Vol. 36, No. 1, January 1985.
PB85-205540 **18**-*540,481* PC **E04**/MF **E01**

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PB85-205557 **18**-*540,482* PC **E04**/MF **E01**

GEOLOGICAL SURVEY, OKLAHOMA CITY, OK. WATER RESOURCES DIV.

USGS/WDR/OK-82/1
Water Resources Data for Oklahoma, Water Year 1982.
PB85-166668 **12**-*526,780* PC **A15**/MF **A01**

USGS/WDR/OK-83/1
Water Resources Data for Oklahoma, Water Year 1983.
PB85-236289 **23**-*552,690* PC **A13**/MF **A01**

USGS/WRD/HD-84/061
Water Resources Data for Oklahoma, Water Year 1982.
PB85-166668 **12**-*526,780* PC **A15**/MF **A01**

USGS/WRD/HD-85/217
Water Resources Data for Oklahoma, Water Year 1983.
PB85-236289 **23**-*552,690* PC **A13**/MF **A01**

GEOLOGICAL SURVEY, PORTLAND, OR. WATER RESOURCES DIV.

USGS/WDR/OR-83/1
Water Resources Data for Oregon, Water Year 1983. Volume 1. Eastern Oregon.
PB85-168706 **12**-*526,785* PC **A10**/MF **A01**

USGS/WDR/OR-83/2
Water Resources Data for Oregon, Water Year 1983. Volume 2. Western Oregon.
PB85-168714 **12**-*526,786* PC **A19**/MF **A01**

USGS/WRD/HD-85/203
Water Resources Data for Oregon, Water Year 1983. Volume 1. Eastern Oregon.
PB85-168706 **12**-*526,785* PC **A10**/MF **A01**

USGS/WRD/HD-85/204
Water Resources Data for Oregon, Water Year 1983. Volume 2. Western Oregon.
PB85-168714 **12**-*526,786* PC **A19**/MF **A01**

GEOLOGICAL SURVEY, RESTON, VA.

DOE/ET/14389-T1
Structure and Application of Extremely Large Geophysical Data Bases. Final Report.
DE85003527 **08**-*516,484* PC **A02**/MF **A01**

GEOLOGICAL SURVEY, RESTON, VA. WATER RESOURCES DIV.

USGS/WRI/84-4369
SUTRA (Saturated-Unsaturated Transport). A Finite-Element Simulation Model for Saturated-Unsaturated, Fluid-Density-Dependent Ground-Water Flow with Energy Transport or Chemically-Reactive Single-Species Solute Transport.
(AFESC/ESL-TR-85-10)
AD-A156 779/1 **22**-*550,102* PC **A19**/MF **A01**

GEOLOGICAL SURVEY, RESTON, VA. WATER RESOURCES SCIENTIFIC INFORMATION CENTER.

Selected Water Resources Abstracts. Annual Cumulated Indexes to Volume 17, 1984. Part 1. Author Organization Accession Number. Part 2. Subject.
PB84-910213 **10**-*522,286* PC**$50.00**

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PB85-910200 **08**-*517,153* Subscription

GEOLOGICAL SURVEY, RICHMOND, VA. WATER RESOURCES DIV.

USGS/WDR/VA-84/1
Water Resources Data for Virginia, Water Year 1984.
PB85-242105 **24**-*555,407* PC **A18**/MF **A01**

USGS/WRD/HD-85/226
Water Resources Data for Virginia, Water Year 1984.
PB85-242105 **24**-*555,407* PC **A18**/MF **A01**

GEOLOGICAL SURVEY, ROLLA, MO. WATER RESOURCES DIV.

USGS/WDR/MO-84/1
Water Resources Data for Missouri, Water Year 1983.
PB85-168730 **12**-*526,788* PC **A14**/MF **A01**

USGS/WRD/HD-84/070
Water Resources Data for Missoun, Water Year 1983.
PB85-168730 **12**-*526,788* PC **A14**/MF **A01**

GEOLOGICAL SURVEY, SACRAMENTO, CA. WATER RESOURCES DIV.

USGS/WDR/CA-83/3
Water Resources Data for California, Water Year 1983. Volume 3. Southern Central Valley Basins and the Great Basin from Walker River to Truckee River.
PB85-232312 **23**-*552,673* PC **A18**/MF **A01**

USGS/WDR/CA-83/4
Water Resources Data for California, Water Year 1983. Volume 4. Northern Central Valley Basins and the Great Basin from Honey Lake Basin to Oregon State Line.
PB85-232320 **23**-*552,674* PC **A17**/MF **A01**

USGS/WRD/HD-85/218
Water Resources Data for California, Water Year 1983. Volume 3. Southern Central Valley Basins and the Great Basin from Walker River to Truckee River.
PB85-232312 **23**-*552,673* PC **A18**/MF **A01**

USGS/WRD/HD-85/219
Water Resources Data for California, Water Year 1983. Volume 4. Northern Central Valley Basins and the Great Basin from Honey Lake Basin to Oregon State Line.
PB85-232320 **23**-*552,674* PC **A17**/MF **A01**

GEOLOGICAL SURVEY, SALT LAKE CITY, UT. WATER RESOURCES DIV.

USGS/WDR/UT-83/1
Water Resources Data for Utah, Water Year 1983.
PB85-128387 **05**-*511,407* PC **A22**/MF **A01**

USGS/WRD/HD-84/038
Water Resources Data for Utah, Water Year 1983.
PB85-128387 **05**-*511,407* PC **A22**/MF **A01**

GEOLOGICAL SURVEY, SAN JUAN, PR. WATER RESOURCES DIV.

Hydraulic Technique for Designing Scavenger-Production Well Couples to Withdraw Freshwater from Aquifers Containing Saline Water.
(OWRT-A-075-PR(1))
PB85-157725 **13**-*529,648* PC **A04**/MF **A01**

GEOLOGICAL SURVEY, ST. PAUL, MN. WATER RESOURCES DIV.

USGS/WRD/HD-85/214
Water Resources Data for Minnesota, Water Year 1983. Volume 1. Great Lakes and Souris-Red-Rainy River Basins.
PB85-215986 **20**-*545,111* PC **A10**/MF **A01**

USGS/WRD/HD-85/215
Water Resources Data for Minnesota, Water Year 1983. Volume 2. Upper Mississippi and Missouri River Basins.
PB85-215994 **20**-*545,112* PC **A20**/MF **A01**

USGS/WRD/MN-83/1
Water Resources Data for Minnesota, Water Year 1983. Volume 1. Great Lakes and Souris-Red-Rainy River Basins.
PB85-215986 **20**-*545,111* PC **A10**/MF **A01**

USGS/WRD/MN-83/2
Water Resources Data for Minnesota, Water Year 1983. Volume 2. Upper Mississippi and Missouri River Basins.
PB85-215994 **20**-*545,112* PC **A20**/MF **A01**

GEOLOGICAL SURVEY, SYOSSET, NY. WATER RESOURCES DIV.

USGS/WDR/NY-83/2
Water Resources Data for New York, Water Year 1983. Volume 2. Long Island.
PB85-127983 **05**-*511,399* PC **A12**/MF **A01**

USGS/WRD/HD-84/051
Water Resources Data for New York, Water Year 1983. Volume 2. Long Island.
PB85-127983 **05**-*511,399* PC **A12**/MF **A01**

GEOLOGICAL SURVEY, TACOMA, WA. WATER RESOURCES DIV.

USGS/WDR/WA-82/1
Water Resources Data for Washington, Water Year 1982. Volume 1. Western Washington.
PB85-236826 **23**-*552,691* PC **A14**/MF **A01**

USGS/WDR/WA-82/2
Water Resources Data for Washington, Water Year 1982. Volume 2. Eastern Washington.
PB85-236834 **23**-*552,692* PC **A10**/MF **A01**

USGS/WRD/HD-85/220
Water Resources Data for Washington, Water Year 1982. Volume 1. Western Washington.
PB85-236826 **23**-*552,691* PC **A14**/MF **A01**

USGS/WRD/HD-85/221
Water Resources Data for Washington, Water Year 1982. Volume 2. Eastern Washington.
PB85-236834 **23**-*552,692* PC **A10**/MF **A01**

Hot Water Drill for Temperate Ice.
AD-P004 816/5 **22**-*550,777* PC **A02**/MF **A01**

GEOLOGICAL SURVEY, TALLAHASSEE, FL. WATER RESOURCES DIV.

USGS/WDR/FL-83/3A
Water Resources Data for Florida, Water Year 1983. Volume 3A. Southwest Florida Surface Water.
PB85-216000 **20**-*545,113* PC **A21**/MF **A01**

USGS/WDR/FL-83/3B
Water Resources Data for Florida, Water Year 1983. Volume 3B. Southwest Florida Ground Water.
PB85-216018 **20**-*545,114* PC **A16**/MF **A01**

USGS/WRD/HD-85/211
Water Resources Data for Florida, Water Year 1983. Volume 3A. Southwest Florida Surface Water.
PB85-216000 **20**-*545,113* PC **A21**/MF **A01**

USGS/WRD/HD-85/212
Water Resources Data for Florida, Water Year 1983. Volume 3B. Southwest Florida Ground Water.
PB85-216018 **20**-*545,114* PC **A16**/MF **A01**

USGS/WRD/WRI-83/4153
Water-Quality Assessment of Stormwater Runoff from a Heavily Used Urban Highway Bridge in Miami, Florida.
(FHWA/FL/BMR-84/270, FL-ER-25-84)
PB85-183606 **15**-*534,204* PC **A03**/MF **A01**

GEOLOGICAL SURVEY, TRENTON, NJ. WATER RESOURCES DIV.

USGS/WDR/NJ-83/1
Water Resources Data for New Jersey, Water Year 1983. Volume 1. Atlantic Slope Basins, Hudson River to Cape May.
PB85-127330 **05**-*511,390* PC **A15**/MF **A01**

USGS/WDR/NJ-83/2
Water Resources Data for New Jersey, Water Year 1983. Volume 2. Delaware River Basin and Tributaries to Delaware Bay.
PB85-127348 **05**-*511,391* PC **A10**/MF **A01**

USGS/WRD/HD-84/053
Water Resources Data for New Jersey, Water Year 1983. Volume 1. Atlantic Slope Basins, Hudson River to Cape May.
PB85-127330 **05**-*511,390* PC **A15**/MF **A01**

USGS/WRD/HD-84/054
Water Resources Data for New Jersey, Water Year 1983. Volume 2. Delaware River Basin and Tributaries to Delaware Bay.
PB85-127348 **05**-*511,391* PC **A10**/MF **A01**

GEOLOGICAL SURVEY, TUCSON, AZ. WATER RESOURCES DIV.

USGS/WDR/AZ-82/1
Water Resources Data for Arizona, Water Year 1982.
PB85-128361 **05**-*511,405* PC **A20**/MF **A01**

USGS/WRD/HD-84/031
Water Resources Data for Arizona, Water Year 1982.
PB85-128361 **05**-*511,405* PC **A20**/MF **A01**

GEOLOGICAL SURVEY, TUSCALOOSA, AL.

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PB85-157741 **13**-*529,649* PC **A06**/MF **A01**

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AD-A149 553/0 **08**-*516,998* PC **A03**/MF **A01**

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PB85-215416 **20**-*545,942* PC **A03**/MF **A01**

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AD-A151 801/8 **13**-*528,579* PC **A02**/MF **A01**

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TR-2
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CONF-840810-2
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CONF-8409222-1
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Flux Corrected Transport for One-Dimensional Simulation Models in Rivers and Estuaries Incorporating Three-Dimensional Effects.
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Measuring System and Data Evaluation Methodology of the Experimental Field of Pellworm Wind Power Plant.
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Treatment of Material Laws for Approximate J-Estimation Methods.
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Void Fraction Measurements Performed in a Vertical Large Diameter Tube Compared to Different Predicting Correlations.
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GKSS-84/E/34
Study of the Experimental Determination of the Thermal Neutron Flux Density Distribution in the Research Reactors FRG-1 and FRG-2.
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Temperature of a Glass-Encapsulated Solar Cell Estimated from Ambient Air Temperature and Global Radiation.
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Evaluation of Heavy Metal Contents in Non Tidal Influenced Elbe River Water During 1979/80.
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Diffusion of Labelled Heavy Metals into River Elbe Sediments.
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Effect of Damage Rates and Different Kinds of Irradiation on the Ductility of Amorphous Fe sub 40 Ni sub 40 B sub 20.
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GKSS-84/E/48
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GKSS-84/E/49
Hydrogen Chloride Measurements with a DAS Lidar in the Marine Atmosphere.
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State-of-the-Art DAS Lidar for SO sub 2 and NO sub 2.
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Feldtheoretische Finite-Element-Analyse Zur Ermittlung der Eichkurve fuer Eine Dreidimensionale Bruchmechanikprobe MIT Halbkreisfoermigem Oberflaechenriss Zur Anwendung der Elektrischen Gleichstrom-Potential-Methode Zur Risstiefenmessung (Field Theory Analysis Using the Finite Element Method to Determine the Deliberation Curves of Three Dimensional Fracture Mechanics Specimens with a Semicircular Surface Crack Applying the Electrical Direct Current Potential Method for Crack Depth Measurement).
N85-28434/7 **20**-546,971 PC **A03**/MF **A01**

GKSS-84/E/54
Distribution of Hydrogen Chloride in the Plume of Incineration Ships: Results of Sea-Level in-Situ Measurements.
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GKSS-85/E/3
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GKSS-85/E/5
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DE85752088 **26**-561,305 PC **A02**/MF **A01**

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DE85752234 **23**-553,010 PC **A03**/MF **A01**

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GKSS-85/E/10
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GKSS-85/E/13
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DE85752231 **22**-550,472 PC **A03**/MF **A01**

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GKSS-84/E/6
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DE84752170 **09**-518,886 PC **A12**/MF **A01**

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DE84751607 **04**-*510,027* PC **A02**/MF **A01**

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Condensation Phenomena in BWR-Pressure Suppression Containments under LOCA Conditions.
DE84751607 **04**-*510,027* PC **A02**/MF **A01**

GKSS-83/E/68
Finite-Element Analysis for Determination of the Structure-Mechanical Behavior of a Condensation Pipe in the Pressure Suppression Test Rig of GKSS.
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DE84751608 **03**-*507,761* PC **A03**/MF **A01**

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Considerations to the Possibilities and Limits of the Application of Fracture Mechanics.
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(MMC-83/06)
PB85-200772 **18**-*540,411* PC **A03**/MF **A01**

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E-2275
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N85-12008/7 **06**-*512,650* PC **A03**/MF **A01**

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NP-5770155
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AD-A150 593/2 **10**-*523,131* PC **A03**/MF **A01**

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DE84780566 **09** *520,455* PC **A05**/MF **A01**

INIS-mf-9216
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DE85780369 **15**-*535,061* PC **A08**/MF **A01**

INIS-mf-9236
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DE85780739 **16**-*536,840* PC **A04**/MF **A01**

INIS-mf-9237
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INIS-mf-9261
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NP-4770435
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DE85770129 **12**-*528,221* PC **A09**/MF **A01**

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DOE/R9/50025-T1
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DE85013405 **23**-*553,273* PC **A03**/MF **A01**

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(BUMINES-OFR-181-84)
PB85-106870 **01**-*501,806* PC **A06**/MF **A01**

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DOE/PE/70521-T1
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DE85007356 **13**-*529,717* PC **A03**/MF **A01**

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DE84005854 **02**-*503,698* PC **A05**/MF **A01**

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PD-RC-84-08-VOL-2
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(NASA-CR-171845)
N85-19326/6 **13**-*529,250* PC **A04**/MF **A01**

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GAT-A-258
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DE85012815 **21**-*548,889* PC **A04**/MF **A01**

GAT-E-279
Study of Mass and Momentum Transfer and Their Effect on the Direct Fluorination of Uranium Oxide.
DE85012823 **20**-*544,970* PC **A08**/MF **A01**

GAT/GDP-1108
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DE85002789 **05**-*512,294* PC **A02**/MF **A01**

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GAT-S-32
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DE85012803 **22**-*549,995* PC **A03**/MF **A01**

GAT-S-33
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DE85012804 **21**-*547,884* PC **A03**/MF **A01**

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DE84702281 **03**-*507,024* PC **A02**/MF **A01**

IAE-3469/2
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DE84702283 **03**-*507,488* PC **A03**/MF **A01**

IAE-3527/14
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DE84702618 **09**-*520,581* PC **A02**/MF **A01**

IAE-3533/14
150 KJ, 5MA Pulse Current Generator.
DE84702950 **05**-*511,614* PC **A02**/MF **A01**

IAE-3548/13
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IAE-3570/14
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IAE-3585/1
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DE85700864 **20**-*546,723* PC **A02**/MF **A01**

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Technique of Evaluation of Individual Radiation Doses to Population from Nuclear Plant Gaseous Wastes.
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IAE-3591/11
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IAE-3599/1
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IAE-3603/8
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IAE-3613/11
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DE84700333 **03**-*506,959* PC **A03**/MF **A01**

IAE-3617/16
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IAE-3619/6
To the Theory of Ion-Cyclotron Instabilities of Collisional Rotating Plasma.
DE84702421 **01**-*502,559* PC **A03**/MF **A01**

IAE-3625/15
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DE84702388 **03**-*506,975* PC **A02**/MF **A01**

IAE-3630/7
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DE84702775 **09**-*520,582* PC **A02**/MF **A01**

IAE-3635/14
Signal Processing in a Laser Interferometer with a Mechanical Frequency Shifter.
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IAE-3640/15
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IAE-3641/2
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IAE-3643/2
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IAE-3646/2
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IAE-3655/2
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DE84702279 **03**-*507,022* PC **A03**/MF **A01**

IAE-3662/7
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DE84702776 **09**-*520,583* PC **A02**/MF **A01**

IAE-3664/13
Separation of Transplutonium Elements with Organic Phosphorus Solid Extractants on Chloromethylated Styrene.
DE84702656 **01**-*500,931* PC **A02**/MF **A01**

IAE-3667/5
RUKKRETs-1 Program for Calculating the Stability of the Tank Type Boiling Water Cooled Reactors with Natural Circulation.
DE84702389 **03**-*507,138* PC **A02**/MF **A01**

IAE-3668/5
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DE84702706 **03**-*507,219* PC **A02**/MF **A01**

IAE-3671/2
Heavy Ion Interaction: Form of the Potential and Estimation of Its Parameters.
DE84702443 **01**-*502,496* PC **A04**/MF **A01**

IAE-3674/1
Research Progress on Atom and Ion Spectra and the Degree of Their Investigation at Present.
DE84702608 **04**-*508,780* PC **A02**/MF **A01**

IAE-3677/2
Microscopic Model of Relativistic Nuclei Collisions with Account of Nucleon-Nucleon Potential Interaction.
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IAE-3681/7
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DE84702203 **03**-*506,952* PC **A03**/MF **A01**

IAE-3683/7
Study on the Ion Spectra of Plasmoids Generated in the MK-500 Powerful Coaxial Plasma Accelerator.
DE84702539 **03**-*507,662* PC **A02**/MF **A01**

IAE-3687/11
Dislocation Role at Generation and Growth of Radiative Pore and Loop.
DE85700633 **20**-*546,484* PC **A02**/MF **A01**

IAE-3688/6
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DE84702204 **03**-*507,653* PC **A03**/MF **A01**

IAE-3689/14
One-Channel SXF Interferometer for Measuring Plasma Density in the Tokamak-7 Device.
DE84702613 **09**-*520,580* PC **A03**/MF **A01**

IAE-3690/6
Simulation of Particle Balance in a Tokamak.
DE84702777 **09**-*520,584* PC **A03**/MF **A01**

IAE-3692/7
Corrugation of the Toroidal Magnetic Field in Tokamak Devices.
DE84702778 **09**-*519,893* PC **A02**/MF **A01**

IAE-3696/7
Study on the Plasma Diffusion in the T-10 Tokamak Using Pulse Single-Action Leak-in of Deuterium and Periodic Modulation of Deuterium Flux into a Plasma.
DE84702614 **04**-*510,325* PC **A02**/MF **A01**

IAE-3699/9
Double Electron-Muon Resonance at the Equalness of Several Frequencies of Transitions.
DE84702609 **04**-*510,263* PC **A02**/MF **A01**

IAE-3702/7
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DE84702205 **03**-*507,654* PC **A02**/MF **A01**

IAE-3705/6
Theory of Resistive Ballooning Modes in Tokamak Devices.
DE84702206 **03**-*507,655* PC **A02**/MF **A01**

IAE-3706/6
Magnetoacoustic Instability on Flight alpha Particles.
DE84702615 **09**-*519,892* PC **A02**/MF **A01**

IAE-3707/14
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IAE-3708/6
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DE84702616 **03**-*507,663* PC **A02**/MF **A01**

IAE-3709/7
Intense Plasma Flux Motion in Inhomogeneous Magnetic Fields.
DE84702779 **09**-*520,585* PC **A02**/MF **A01**

IAE-3710/7
Radial Distribution of Current Density in a Tokamak.
DE84702207 **03**-*507,656* PC **A02**/MF **A01**

IAE-3712/7
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DE84702422 **01**-*502,132* PC **A03**/MF **A01**

IAE-3713/1
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DE84702820 **08**-*517,883* PC **A03**/MF **A01**

IAE-3715/7
Study on the T-15 Tokamak Model Coils Made of a Superconducting Current-Carrying Element.
DE84702208 **03**-*506,953* PC **A02**/MF **A01**

IAE-3718/14
Experimental Study on the CO sub 2 -Laser Radiation Focusing for Technology.
DE84702209 **03**-*507,349* PC **A02**/MF **A01**

IAE-3719/5
Computer Realization of an Algorithm for Determining the Optimal Arrangement of a Fast Power Reactor Core with Hexagonal Assemblies.
DE85701095 **25**-*559,240* PC **A03**/MF **A01**

IAE-3720/6
MHD-Stability of Corrugated Toroidal Systems.
DE84702423 **01**-*502,560* PC **A02**/MF **A01**

IAE-3721/6
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DE84702210 **03**-*506,954* PC **A02**/MF **A01**

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IAE-3724/16
Methods of Simultaneous Calculation of Several Eigenvectors.
DE84702580 **03**-*506,526* PC **A02**/MF **A01**

IAE-3726/7
Electron Distribution Function During Ecr Heating in Tokamaks.
DE85700637 **20**-*546,871* PC **A02**/MF **A01**

IAE-3727/6
Three-Ion Approximation for Calculation of Emission Characteristics of a High-Temperature Plasma.
DE85700638 **20**-*546,872* PC **A02**/MF **A01**

IAE-3729/4
Analysis of the Core Characteristics and Slightly Enriched Uranium-Plutonium Fuel Cycle for the HTGR with Large Unit Power.
DE85780553 **16**-*536,663* PC **A02**/MF **A01**

IAE-3730/6
Plasma Drift Equilibrium (Rotation) in Toroidal Systems with Complicated Geometry of Magnetic Field.
DE84702211 **03**-*506,955* PC **A02**/MF **A01**

IAE-3731/7
Anomalous Fast Magnetization of Plasma Flow of an Electrodynamic Accelerator.
DE84702212 **03**-*507,657* PC **A02**/MF **A01**

IAE-3734/7
Impurity Behaviour During Ecr Heating in the T-10 Tokamak.
DE85700639 **20**-*546,873* PC **A02**/MF **A01**

IAE-3735/15
Multi-Processor Information and Calculation System for in-Pile and Post-Irradiation Experiments.
DE85700966 **20**-*546,963* PC **A02**/MF **A01**

IAE-3736/5
Studying the Problems of Calculational Homogenization of Absorbing Rods Placed in a Radial Reflector.
DE84703430 **10**-*522,747* PC **A02**/MF **A01**

IAE-3739/2
Experiments on the Search for Magnetic Monopoles.
DE85701786 **25**-*559,584* PC **A03**/MF **A01**

IAE-3741/10
Effect of a Homogeneous Magnetic Field Length on the Critical Currents, and Behaviour of V-1 Characteristics of Superconducting Cables.
DE84702780 **09**-*519,894* PC **A02**/MF **A01**

IAE-3742/7
Two-Wave Laser Interferometer for Measuring Plasma Density at the Tokamak Devices.
DE84702213 **03**-*507,658* PC **A03**/MF **A01**

IAE-3743/6
Nonlinear HHD-Equations and Dissipative Ballooning Modes.
DE84702214 **03**-*507,659* PC **A02**/MF **A01**

IAE-3745/14
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DE84702215 **03**-*506,956* PC **A02**/MF **A01**

IAE-3746/14
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DE84702220 **03**-*506,065* PC **A02**/MF **A01**

IAE-3751/6
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DE84702781 **09**-*520,586* PC **A03**/MF **A01**

IAE-3752/1
Polarization Mechanism of Parity Nonconservation in Light Muonic Atoms. To the Problem of Weak Neutral Muon-Nucleon Interaction Observation.
DE84703231 **09**-*520,350* PC **A04**/MF **A01**

IAE-3753/1
Construction of the Optimal System of Subalgebras of the Finite-Dimensional Lie Algebra.
DE84702718 **08**-*516,953* PC **A02**/MF **A01**

IAE-3754/2
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DE84702307 **03**-*507,511* PC **A03**/MF **A01**

IAE-3755/2
Study on the Energy Spectra of Neutrons from the Helium, Lithium-6 and Carbon Ion Reactions at Energy of 4-20 MeV Per Nucleon with Production of Zinc-65 Compound System. Experimental Data.
DE85701846 **26**-*561,831* PC **A03**/MF **A01**

IAE-3758/6
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Observation of the R(2510) Neutral Meson with the Spin of J= 6.
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IFVE-OEF-83-119
A-Dependence of Hadron Pair Production with High Psub(T).
DE84703229 **09**-520,349 PC **A02/MF A01**

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Weak Exchange Degeneration and Polarization in Binary Reactions pi exp - p Yields K sup 0 lambda and pi exp - p Yields Dsup(-) Lambda Sup(+)Sub(C).
DE85700847 **20**-546,708 PC **A02/MF A01**

IFVE-OEF-83-127
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IFVE-OEF-83-131
Discrete Liquid Helium Level Indicator.
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IFVE-OEF-83-136
Characteristics of Particle Detector on the Base of a Charge-Coupling Device.
DE85700753 **22**-551,098 PC **A02/MF A01**

IFVE-OEF-83-155
X-Particle Production in pi exp - p Collisions at 38 GeV/C.
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IFVE-OEF-83-182
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DE85700948 **20**-546,133 PC **A02/MF A01**

IFVE-OEF-83-202
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IFVE-OEF-83-203
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DE85701011 **22**-551,583 PC **A02/MF A01**

IFVE-OEF-84-2
High-Stability High-Current Power Supply for a Multichannel Cherenkov Fulll Absorption Spectrometer.
DE85700949 **20**-546,134 PC **A02/MF A01**

IFVE-OEF-84-14
New Test of Non-Abelian Nature of QCD.
DE85701773 **25**-559,573 PC **A02/MF A01**

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Method of Detection of Transition Radiation by Wire Chambers Operating in Self-Guenching Streamer Mode.
DE85781338 **25**-559,031 PC **A02/MF A01**

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DE85781301 **25**-559,016 PC **A02/MF A01**

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DE85781339 **25**-559,032 PC **A02/MF A01**

IFVE-OEF-84-83
Study on the Short-Term Instability and Ways to Stabilize Amplification of Photomultipliers.
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IFVE-OEF-84-97
Total Hadron Interaction Cross Section Growth.
DE85701793 **25**-559,591 PC **A02/MF A01**

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Exclusive Production and Decay of Glueballs.
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IFVE-OEIPK-83-11
Inclusive and Semi-Inclusive Rapidity Distributions of pi exp + - Mesons in K exp - p Interactions at 32 GeV/C.
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IFVE-OEIPK-83-12
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DE84702687 **01**-502,156 PC **A02/MF A01**

IFVE-OEIPK-83-43
Two-Particle Inclusive and Semi-Inclusive Rapidity Distributions of pi exp + - Mesons in K exp - p Interactions at 32 GeV/C.
DE84703362 **09**-520,375 PC **A02/MF A01**

IFVE-OEIPK-83-44
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DE84702224 **02**-505,004 PC **A02/MF A01**

IFVE-OEIPK-83-93
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DE84703347 **09**-520,360 PC **A02/MF A01**

IFVE-OEIPK-83-95
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DE84702269 **03**-507,483 PC **A02/MF A01**

IFVE-OEIPK-83-97
Measurement of Cross Sections for Neutral Strange Particle Production in Anti Pp-Interactions at 32 GeV/C and Comparison with the Pp-Interaction Data.
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IFVE-OEIPK-83-108
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DE85701012 **22**-551,584 PC **A04/MF A01**

IFVE-OEIPK-83-128
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DE84703360 **09**-520,373 PC **A02/MF A01**

IFVE-OEIPK-83-152
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DE84703361 **09**-520,374 PC **A02/MF A01**

IFVE-OEIPK-83-153
Inclusive Ksup(* +)(890), Ksup(* +)(1430) and Anti Ksup(* -)(890) Production in K exp + p Interactions at 32 GeV/C.
DE85700857 **20**-546,718 PC **A03/MF A01**

IFVE-OEIPK-84-118
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IFVE-OMVT-83-3
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DE85700768 **22**-550,235 PC **A02/MF A01**

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DE84702673 **01**-502,445 PC **A02/MF A01**

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Modification of the PRUD-O Program Package for Calculating the Periodic Structures.
DE85700916 **20**-546,553 PC **A02/MF A01**

IFVE-OMVT-83-179
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DE85701646 **25**-559,402 PC **A02/MF A01**

IFVE-ONF-83-34
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DE85700950 **20**-546,135 PC **A02/MF A01**

IFVE-ONF-83-45
Neutrino Counting in Colliding E exp + E exp - BEAMS.
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Potential Reconstruction from Experimental Data.
DE85700821 **20**-546,913 PC **A02/MF A01**

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Prototype of a gamma Spectrometer with Spectrum Shifter.
DE85700754 **22**-551,099 PC **A02/MF A01**

IFVE-ONF-83-113
Time Resolution of Liquid Argon Detectors. Part 1. Optimal Filter.
DE84701882 **03**-506,971 PC **A02/MF A01**

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DE85700755 **22**-551,100 PC **A02/MF A01**

IFVE-ONF-83-143
Compton Effect on pi exp - Meson.
DE85701795 **25**-559,593 PC **A02/MF A01**

IFVE-ONF-83-149
Two-Particle Lepton-Nucleon Processes in Dual QCD Approach.
DE85700655 **20**-546,668 PC **A02/MF A01**

IFVE-ONF-83-154
Analysis of Experimental Data rho exp 0 - and omega - Meson Inclusive Production in the Framework of Some Theoretical Models.
DE84703066 **04**-510,269 PC **A02/MF A01**

IFVE-ONF-83-159
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DE85700756 **22**-551,101 PC **A02/MF A01**

IFVE-ONF-83-173
Properties of Multiplicity Distributions in nuA and AntinuA Interactions at Esub((Anti nu)) < = 30 GeV.
DE85701787 **25**-559,585 PC **A02/MF A01**

IFVE-ONF-83-174
Inclusive Charged Hadron Spectra in nu A and Approximately nu A Interactions at Esub(Approximately nu) < = 30 GeV.
DE85700674 **20**-546,686 PC **A02/MF A01**

IFVE-ONF-83-175
Limitations on Neutrino Oscillation Parameters According to Data of Quasi-Elastic Scattering in the IHEP Neutrino BEAMS.
DE85700675 **20**-546,687 PC **A02/MF A01**

IFVE-ONF-84-69
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DE85701788 **25**-559,586 PC **A02/MF A01**

IFVE-ONF-84-84
Possibility of Detection of Heavy Neutrino Decays.
DE85701770 **25**-559,570 PC **A02/MF A01**

IFVE-ONF-84-124
Time Resolution of the Liquid Argon Detectors. Part 2. Physically Realizable Filters.
DE85781302 **25**-559,017 PC **A02/MF A01**

IFVE-OP-83-29
Problem of High Energy Proton Spin Motion in Curved Monocrystals.
DE85700634 **20**-546,986 PC **A02/MF A01**

IFVE-ORI-OEF-84-36
Multiple Coulomb Scattering of 7.3 and 11.7 GeV/C Muons on Cu Target.
DE85701847 **26**-561,832 PC **A02**/MF **A01**

IFVE-OTF-OEF-83-148
G(1590)-Meson and Possible Characteristic Features of a Glueball.
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IFVE-OTF-82-128
Infrared Region of QCD, Quark Masses and Chromomagnetic Moments.
DE84702801 **08**-518,080 PC **A02**/MF **A01**

IFVE-OTF-82-136
Triple-Lepton Nucleon Decays with Fermion Number Conservation.
DE84702802 **08**-517,867 PC **A02**/MF **A01**

IFVE-OTF-83-5
Infrared Asymptotics of Fermion Green Function in QCD Models.
DE84702721 **08**-518,054 PC **A02**/MF **A01**

IFVE-OTF-83-23
Scaling Violation in Charmed Meson Inclusive Production.
DE84702822 **08**-517,885 PC **A02**/MF **A01**

IFVE-OTF-83-24
Multiplicity Distribution Function and Description of the Data at Sqrt S = 540 GeV.
DE84702225 **02**-505,005 PC **A02**/MF **A01**

IFVE-OTF-83-25
Inverse Scattering Method for Relativistic String.
DE84702168 **02**-505,000 PC **A02**/MF **A01**

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Possibility to Observe Free Quarks.
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IFVE-OTF-83-32
Construction of Two-Dimensional Riemannian Manifolds Embedded into Enveloping Euclidean (Pseudo-Euclidean) Space.
DE84702169 **02**-504,126 PC **A02**/MF **A01**

IFVE-OTF-83-39
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DE84702583 **03**-507,707 PC **A02**/MF **A01**

IFVE-OTF-83-40
Muon Number Violating Kaon Decays and Precocious Chiral Unification Mass Scale.
DE85700664 **20**-546,677 PC **A02**/MF **A01**

IFVE-OTF-83-49
Properties of Meson Resonances from QCD Duality.
DE84703348 **09**-520,361 PC **A02**/MF **A01**

IFVE-OTF-83-50
LSZ Asymptotic Condition and Dynamic Equations in Quantum Field Theory. Part 1. Bethe-Salpeter Equation.
DE84702584 **03**-507,708 PC **A02**/MF **A01**

IFVE-OTF-83-51
LSZ Asymptotic Condition and Dynamic Equations in Quantum Field Theory. Part 2. Dynamic Equations for Three-Particle System.
DE84702722 **08**-518,055 PC **A02**/MF **A01**

IFVE-OTF-83-52
LSZ Asymptotic Condition and Dynamic Equations in Quantum Field Theory. Part 3. Expressions for Amplitudes of Physical Processes.
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IFVE-OTF-83-56
Modified Equations for Colorless Cluster Spectrum.
DE84702620 **03**-507,536 PC **A02**/MF **A01**

IFVE-OTF-83-58
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DE84702724 **08**-516,956 PC **A02**/MF **A01**

IFVE-OTF-83-59
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IFVE-OTF-83-61
Possible Structure of Higgs Sector in SU(2)XU(1)XU(1) Model of Electroweak Interactions.
DE84702585 **03**-507,531 PC **A02**/MF **A01**

IFVE-OTF-83-62
Model of High Energy Hadron Elastic Scattering and Diffraction Dissociation Processes.
DE84702226 **02**-505,006 PC **A02**/MF **A01**

IFVE-OTF-83-63
Density Fluctuations and Dispersion Relation in Field Theory of Gravity.
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IFVE-OTF-83-76
Relativistic String with Fixed End-Points.
DE84702726 **08**-517,858 PC **A02**/MF **A01**

IFVE-OTF-83-77
Mechanism of Meson-Nucleon Backward Elastic Scattering at High Energies.
DE85701590 **24**-556,858 PC **A02**/MF **A01**

IFVE-OTF-83-78
Dirac Calculus for Modules over Grassmann Algebra.
DE84702727 **08**-517,859 PC **A02**/MF **A01**

IFVE-OTF-83-80
Gauge-Invariant Renormalizations of a Generating Functional.
DE85700617 **20**-546,910 PC **A02**/MF **A01**

IFVE-OTF-83-82
Infrared Asymptotics of Quark Propagator in Light Cone Gauge.
DE84702586 **03**-507,709 PC **A02**/MF **A01**

IFVE-OTF-83-88
Exclusive Neutrino Production of Pseudoscalar Mesons in Neutral Currents.
DE85700657 **20**-546,670 PC **A02**/MF **A01**

IFVE-OTF-83-89
Radiative Detection of Neutral Particles Produced in E exp + E exp - Collisions.
DE85700659 **20**-546,672 PC **A02**/MF **A01**

IFVE-OTF-83-91
Gauge Invariant Description of Massive High Spin Particles.
DE84702728 **08**-517,860 PC **A02**/MF **A01**

IFVE-OTF-83-92
Spontaneous Symmetry Breaking and Gauge Invariance in N = 1 Supergravity.
DE84702729 **08**-518,058 PC **A02**/MF **A01**

IFVE-OTF-83-114
One Method of Realization of Commutation Relation Algebra.
DE85700616 **20**-546,909 PC **A02**/MF **A01**

IFVE-OTF-83-116
Beauty Hadron Photoproduction.
DE85700658 **20**-546,671 PC **A02**/MF **A01**

IFVE-OTF-83-117
Classical Yang-Mills Field Theory with Nonstandard Lagrangians.
DE85700804 **18**-541,855 PC **A02**/MF **A01**

IFVE-OTF-83-138
Theory of One-Lacuna Configurations of Relativistic String.
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IFVE-OTF-83-140
Neutral Currents in Two-Z-Boson Gauge Models.
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IFVE-OTF-83-141
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DE85700790 **18**-540,915 PC **A02**/MF **A01**

IFVE-OTF-83-144
Multiple Hadron Production in Three-Jet Events.
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Current-Current Amplitudes for Four-Fermion Interaction and Two-Particle Bound States.
DE85700656 **20**-546,669 PC **A02**/MF **A01**

IFVE-OTF-83-146
One-Loop Calculations in QED in Axial Gauge.
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IFVE-OTF-83-157
Reparametrization in the Path Integral.
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IFVE-OTF-83-186
Inverse Scattering Method and Quantum Theory of String.
DE85700624 **20**-546,664 PC **A02**/MF **A01**

IFVE-OTF-84-29
Algebra of Asymptotic Poincare Group Generators in General Relativity.
DE85701722 **25**-559,736 PC **A02**/MF **A01**

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Relation Between High-Energy and Low-Energy Parameters of pi pi Interaction.
DE85701774 **25**-559,574 PC **A02**/MF **A01**

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Description of Non-Relativistic Particle Scattering in the Framework of Homogeneous Formalism.
DE85701546 **24**-556,938 PC **A02**/MF **A01**

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Cross Section Growth of Hadron-Hadron Interactions and Its Possible Connection with Glueball Existence.
DE85701775 **25**-559,575 PC **A02**/MF **A01**

IFVE-OTF-84-38
Invariant for Radiation Transition in the Coulomb Field.
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Colour Charge Interaction.
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IFVE-OTF-84-85
Spin Effects in Hadron Interactions at High Energies.
DE85701796 **25**-559,594 PC **A02**/MF **A01**

IFVE-OTF-84-86
Dependent Coordinates in Classical Mechanics.
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IFVE-OUNK-OEA-82-204
Beam Profile Measurement During Proton Slow Extraction from JHEP Accelerator.
DE84702951 **05**-512,225 PC **A02**/MF **A01**

IFVE-OUNK-OEA-83-99
Optical-Fibre Communication Line in the Control System of the I-100 Linac Ion Source.
DE84702355 **01**-502,439 PC **A02**/MF **A01**

IFVE-OUNK-82-139
Transverse Resistance of Flat Transposed Superconducting Cables.
DE84702674 **01**-501,265 PC **A02**/MF **A01**

IFVE-OUNK-82-158
Tests of the KGU-400/4.5 Plant in Non-Standard Operating Modes.
DE84700776 **03**-506,610 PC **A02**/MF **A01**

IFVE-OUNK-83-19
Technique for Additional Eddy Loss Measurements in Flat Transposed Superconducting Cables under Pressure.
DE85700729 **22**-550,183 PC **A02**/MF **A01**

IFVE-OUNK-83-48
Equipment for Measuring of the Stainless Steel Magnetic Susceptibility at 4.2 K.
DE85700652 **20**-545,963 PC **A02**/MF **A01**

IFVE-OUNK-83-120
IHEP Accelerating and Storage Complex (UNK) Status.
DE85701059 **24**-556,750 PC **A02**/MF **A01**

IFVE-OUNK-83-121
Development and Study of the UNK Superconducting Dipole Models.
DE85701902 **25**-559,501 PC **A02**/MF **A01**

IFVE-OUNK-83-150
Effect of Magnetic Field Systematic Nonlinearities on the Betatron Frequency Spread in the Accelerating-Storage Complex.
DE85700728 **22**-551,491 PC **A02**/MF **A01**

IFVE-OUNK-83-151
Electromagnetic Radiation of Protons in Edge Fields of Synchrotron Dipole Magnets.
DE85700735 **22**-551,496 PC **A02**/MF **A01**

IFVE-OUNK-83-158
Measurement of Stationary Heat Transfer Through Insulation of a Flat Superconducting Cable.
DE85701903 **25**-558,140 PC **A02**/MF **A01**

IFVE-OUNK-83-191
Calculation of Special Sections in the UNK Magnetic Structure.
DE85700730 **22**-551,492 PC **A02**/MF **A01**

IFVE-OUNK-84-28
Beam Microwave Instability in Proton Synchrotrons.
DE85701888 **25**-559,493 PC **A02**/MF **A01**

IFVE-OUNK-84-68
Interference of Edge Proton Radiation in Synchrotron Dipole Magnets.
DE85701644 **25**-559,485 PC **A02**/MF **A01**

IFVE-84-54
Charged Particle Multiplicity in K exp + p Interactions at 70 GeV/C.
DE85701797 **25**-559,595 PC **A02**/MF **A01**

OEIPK-WA-27
Charged Particle Multiplicity in K exp + p Interactions at 70 GeV/C.
DE85701797 **25**-559,595 PC **A02**/MF **A01**

SERP-E-45
Limitations on Neutrino Oscillation Parameters Accerding to Data of Quasi-Elastic Scattering in the IHEP Neutrino BEAMS.
DE85700675 **20**-546,687 PC **A02**/MF **A01**

SERP-E-77
Correlation Function Distributions in Rapidity for Pairs of pi Mesons in K exp - p Interactions at 32 GeV/C.
DE84702224 **02**-505,004 PC **A02**/MF **A01**

SERP-E-77
Two-Particle Inclusive and Semi-Inclusive Rapidity Distributions of pi exp + - Mesons in K exp - p Interactions at 32 GeV/C.
DE84703362 **09**-520,375 PC **A02**/MF **A01**

SERP-E-102
Multiple Coulomb Scattering of 7.3 and 11.7 GeV/C Muons on Cu Target.
DE85701847 **26**-561,832 PC **A02**/MF **A01**

SERP-E-107
Inclusive Charged Hadron Spectra in nu A and Approximately nu A Interactions at Esub(Approximately nu) < = 30 GeV.
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SERP-E-133
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SERP-E-138
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DE84703363 **09**-520,376 PC **A02**/MF **A01**

SERP-E-143
Compton Effect on pi exp - Meson.
DE85701795 **25**-559,593 PC **A02**/MF **A01**

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IFVE-OTF-78-164 **20**-546,854 PC **A02**/MF **A01**

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Heat-Insulating Slabs and Mats Made of Mineral Wool Based on a Synthetic Binder. (RE-ANNOUNCEMENT of PB85-126407-see notes field for explanation).
(HUD-0003320)
PB85-190023 **26**-561,145 PC **A02**/MF **A01**

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Using Microcomputers to Improve the Management of Food Security Systems.
(AID-PN-AAL-764/68)
PB85-136307 **06**-*513,097* PC **A04**/MF **A01**

GOUGEON BROS., BAY CITY, MI.

DOE/NASA-0260-1
Design of an Advanced Wood Composite Rotor and Development of Wood Composite Blade Technology.
(-GBI/ER---11)
DE85007160 **14**-*531,726* PC **A09**/MF **A01**

NASA-CR-174713
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(-GBI/ER---11)
DE85007160 **14**-*531,726* PC **A09**/MF **A01**

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EPRI-EL-2195
Development of a Circuit Breaker for Large Generators. Final Report.
DE82901900 **24**-*555,644* PC **A08**/MF **A01**

GOULD DEFENSE SYSTEMS, INC., GLEN BURNIE, MD. DEFENSE ELECTRONICS DIV.

Marine Seismic System (MSS Development, Deployment and Recovery.
AD-A150 099/0 **09**-*519,050* PC **A08**/MF **A01**

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DE84-014614
Battery Charger and State of Charge Indicator.
(NASA-CR-173961)
N84-33725/2 **01**-*501,492* PC **A12**/MF **A01**

NAS 1.26:173961
Battery Charger and State of Charge Indicator.
(NASA-CR-173961)
N84-33725/2 **01**-*501,492* PC **A12**/MF **A01**

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Small Business Barriers: Public Pension Investment Restrictions and Small Business Capital.
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N85-12482/4 06-513,726 PC A10/MF A01

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N85-28372/9 20-545,900 PC A07/MF A01

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N85-12481/6 06-513,725 PC A06/MF A01

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Product Improvement Program for the M577 Fuze. Volume 1, Redesigned Timer.
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AD-A153 666/3 16-536,691 PC A05/MF A01

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AD-A153 667/1 16-536,692 PC A02/MF A01

Product Improvement Program for the M577 Fuze. Volume 3, Redesign of Setting Mechanism.
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AD-A153 670/5 16-536,695 PC A02/MF A01

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(ARLCD-CR-85002-VOL-6, SBI-AD-E401-316)
AD-A153 671/3 16-536,696 PC A02/MF A01

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(ARLCD-CR-85022, SBI-AD-E401-371)
AD-A157 962/2 24-556,549 PC A02/MF A01

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AAE-85-2
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AR-113
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(NASA-CR-175513)
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AR-114
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AR-115
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MMIC (Monolithic Microwave Integrated Circuit) Devices for Active Phased Array Antennas.
(NASA-CR-176015)
N85-30177/8 22-550,291 PC A02/MF A01

NAS 1.26:176026
Phase Locked Loop Synchronization for Direct Detection Optical PPM (Pulse Position Modulation) Communication Systems.
(NASA-CR-176026)
N85-30178/6 22-550,932 PC A04/MF A01

NAS 1.26:176055
Forth System for Coherent-Scatter Radar Data Acquisition and Processing.
(NASA-CR-176055)
N85-31720/4 23-553,816 PC A05/MF A01

NAS 1.26:176056
Rocket Measurements of Mesospheric Ionization Irregularities.
(NASA-CR-176056)
N85-31721/2 23-552,017 PC A08/MF A01

SASR-2
Research in the Design of High-Performance Reconfigurable Systems.
(NASA-CR-173998)
N84-34957/0 02-503,826 PC A03/MF A01

SASR-3
Research in the Design of High-Performance Reconfigurable Systems.
(NASA-CR-175705)
N85-26153/5 18-540,663 PC A04/MF A01

UILU-ENG-85-2549
Phase Locked Loop Synchronization for Direct Detection Optical PPM (Pulse Position Modulation) Communication Systems.
(NASA-CR-176026)
N85-30178/6 22-550,932 PC A04/MF A01

Raman Scattering from Metastable (GaSb)1-xGe2x Alloys.
AD-A145 897/5 01-500,972 PC A02/MF A01

Raman Scattering from Crystalline and Amorphous (GaSb) Sub 1-xGex Semiconducting Films.
AD-A146 482/5 01-502,620 PC A02/MF A01

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(ARO-19823.7-EG)
AD-A146 504/6 01-500,005 Not available NTIS

An Investigation of the Effects of Non-Uniform Throat Flow on Base Pressure at Supersonic Flight Speed.
(ARO-19823.8-EG)
AD-A146 541/8 01-500,006 Not available NTIS

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(ARO-19823.2-EG)
AD-A146 554/1 01-500,007 Not available NTIS

An Upper Bound on the Aperiodic Autocorrelation Function for a Maximal-Length Sequence.
(ARO-18103.15-EL)
AD-A147 645/6 04-509,161 Not available NTIS

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(ARO-21067.1-MS)
AD-A150 339/0 10-522,378 Not available NTIS

Size Effects on Polar Optical Phonon Scattering of 1-D and 2-D Electron Gas in Synthetic Semiconductors.
(ARO-20616.5-EL)
AD-A153 058/3 15-535,103 Not available NTIS

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AD-A153 257/1 15-533,870 PC A13/MF A01

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(RADC-TR-85-14-VOL-2)
AD-A153 258/9 15-533,871 PC A18/MF A01

Fronts and Patterns in Low Mach Number Combustion. A Review.
(ARO-18243.28-MA)
AD-A153 448/6 16-536,948 Not available NTIS

Injection Locking and Saturation Intensity of a Cadmium Iodide Laser.
(ARO-20002.4-PH)
AD-A155 939/2 21-549,028 PC A02/MF A01

Performance of Concurrent Tasks: A Psychophysiological Analysis of the Reciprocity of Information-Processing Resources.
(AFOSR-TR-85-0591)
AD-A158 713/8 25-557,550 PC A02/MF A01

Transition to Detonation from Rapid-Compression (Ramp-Waves) Generated in a Burning Porous Bed.
AD-P004 345/5 07-515,700 PC A02/MF A01

Multiple Resources Model of Human Performance: Implications for Display Design.
AD-P004 516/1 14-531,092 PC A02/MF A01

Invisible User: A User Needs Assessment for Library Public Services.
ED-255 212 22-549,497 Not available NTIS

Economic Effects of Subsidence from Underground Coal Mining on Agricultural Land in Illinois.
(BUMINES-OFR-186-84)
PB85-109296 02-502,810 PC A04/MF A01

Memory Processes and Contextual Information.
(NIMH-85-463)
PB85-147353 08-516,117 PC A02/MF A01

Barium and Radium in Water Treatment Plant Wastes.
(EPA/600/2-85/006)
PB85-165777 12-527,281 PC A04/MF A01

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PB85-206498 19-542,848
(Order as PB85-206324, PC A13/MF A01)

Reactions of Chlorite with Activated Carbon and with Vanillic Acid and Indan Adsorbed on Activated Carbon.
(EPA/600/J-83/304)
PB85-225316 22-550,026 Not available NTIS

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(EPA/600/J-85/071)
PB85-225530 22-550,672 Not available NTIS

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(EPA/600/J-85/070)
PB85-225548 22-550,673 Not available NTIS

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CPL-84-1
Information Processing Approach to the Study of Data Entry Skills: The Effects of Representation Rules and Coordination Requirements.
AD-A150 295/4 10-521,326 PC A05/MF A01

CPL-84-4
Information Processing Approach to the Study of Data Entry Skills: The Effects of Representation Rules and Coordination Requirements.
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Event-Related Brain Potentials in the Study of Consciousness.

(AFOSR-TR-85-0582)
AD-A158 512/4 **25**-*557,543* PC **A03**/MF **A01**

Twas Ten to One: And Yet We Ventured: P300 and Decision Making.
(AFOSR-TR-85-0590)
AD-A158 581/9 **25**-*557,461* PC **A02**/MF **A01**

On the Dependence of P300 Latency on Stimulus Evaluation Processes.
(AFOSR-TR-85-0612)
AD-A158 611/4 **25**-*557,544* PC **A02**/MF **A01**

Presidential Address, 1980: Surprise...Surprise.
(AFOSR-TR-85-0614)
AD-A158 706/2 **25**-*557,549* PC **A02**/MF **A01**

An Analysis of the Processing Requirements of a Complex Perceptual-Motor Task.
(AFOSR-TR-85-0605)
AD-A158 715/3 **25**-*557,551* PC **A03**/MF **A01**

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(AFOSR-TR-85-0613)
AD-A158 723/7 **25**-*557,552* PC **A03**/MF **A01**

When Words Collide: Orthographic and Phonological Interference during Word Processing.
(AFOSR-TR-85-0611)
AD-A158 928/2 **25**-*557,562* PC **A03**/MF **A01**

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INTSOY-20
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(AID-PN-AAK-952)
PB85-113223 **02**-*502,839* PC **A06**/MF **A01**

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(AID-PN-AAK-576)
PB85-101830 **01**-*500,515* PC **A10**/MF **A01**

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Detection, Isolation and Characterization of an Agent from Febrile Patients in Malaysia Serologically Reactive with Rickettsia sennetsu.
AD-A157 489/6 **23**-*552,264* PC **A03**/MF **A01**

ILLINOIS UNIV. AT URBANA-CHAMPAIGN. COMPUTER-BASED EDUCATION RESEARCH LAB.

CERL-RR-85-1-ONR
Diagnosing Cognitive Errors: Statistical Pattern Classification and Recognition Approach.
AD-A158 108/1 **24**-*554,909* PC **A03**/MF **A01**

CERL-85-2-ONR
Application of Component Scoring to a Complicated Cognitive Domain.
AD-A157 897/0 **24**-*554,904* PC **A03**/MF **A01**

CERL-85-3-ONR
Bug Distribution and Pattern Classification.
AD-A157 898/8 **24**-*554,971* PC **A03**/MF **A01**

ILLINOIS UNIV. AT URBANA-CHAMPAIGN. COMPUTER SYSTEMS GROUP.

CSG-31
Design of a Bit-Sliced Processor Array with Built-In-Self-Test.
AD-A149 785/8 **09**-*519,145* PC **A05**/MF **A01**

CSG-33
Built-In Tests for VLSI (Very Large Scale Integration) Finite-State Machines.
AD-A149 784/1 **09**-*519,092* PC **A03**/MF **A01**

CSG-34
Concurrent Simulation Techniques Exploiting Hierarchy.
AD-A149 783/3 **09**-*519,144* PC **A04**/MF **A01**

CSG-37
Design for MISP: A Multiple Instruction Stream Shared Pipeline Processor.
AD-A156 314/7 **21**-*547,947* PC **A09**/MF **A01**

CSG-39
Theory for Algorithm- Based Fault Tolerance in Array Processor Systems.
AD-A156 244/6 **21**-*547,945* PC **A08**/MF **A01**

ILLINOIS UNIV. AT URBANA-CHAMPAIGN. COORDINATED SCIENCE LAB.

CSG-30
Design of a Microprogram Control Unit with Concurrent Error Detection.
AD-A156 447/5 **21**-*547,948* PC **A04**/MF **A01**

R-971
Determining 3-D Motion and Structure of Rigid Objects Containing Lines Using the Spherical Projection.
(NSF/ECS-82117)
PB85-132199 **05**-*511,761* PC **A08**/MF **A01**

UILU-ENG-82-2237
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(NSF/ECS-82117)
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(ARO-17761.11-EL)
AD-A146 026/0 **01**-*501,355* Not available NTIS

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(ARO-15492.15-EL, ARO-18103.18-EL)
AD-A146 135/9 **01**-*502,075* PC **A02**/MF **A01**

Partial Correlation Effects in Direct-Sequence Spread-Spectrum Multiple-Access Communication Systems.
(ARO-18103.12-EL)
AD-A146 169/8 **01**-*502,076* Not available NTIS

Quadriphase Sequences for Spread-Spectrum Multiple-Access Communication.
(ARO-18103.9-EL)
AD-A146 361/1 **01**-*502,081* Not available NTIS

Robust Redesign of Adaptive Control.
(AFOSR-TR-84-0866)
AD-A147 144/0 **02**-*504,122* PC **A02**/MF **A01**

Transient Electronic Transport in InP Under the Condition of High-Energy Electron Injection.
(ARO-17687.16-EL)
AD-A153 553/3 **16**-*536,923* Not available NTIS

Texture Perception and Shape from Texture.
(AFOSR-TR-85-0350)
AD-A154 276/0 **17**-*537,382* PC **A02**/MF **A01**

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(AFOSR-TR-85-0349)
AD-A154 449/3 **17**-*537,383* PC **A02**/MF **A01**

Routing Algorithms and Stochastic Analysis for Large Communications Networks.
AD-A154 654/8 **18**-*541,386* PC **A02**/MF **A01**

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AD-A154 748/8 **18**-*540,546* PC **A05**/MF **A01**

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(AFOSR-TR-85-0468)
AD-A155 360/1 **19**-*542,979* PC **A10**/MF **A01**

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AAE-84-3
Stochastic Motor Blade Dynamics.
(ARO-15193.9-EG, ARO-17830-5-EG)
AD-A146 312/4 **01**-*500,033* PC **A02**/MF **A01**

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(NASA-CR-174058)
N85-11149/0 **04**-*510,418* PC **A09**/MF **A01**

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Flame Acceleration Mechanisms Under Conditions of Partial Confinement. Final Report, February 1983 - August 1984.
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PB85-184083 **13**-*530,576* PC **A07**/MF **A01**

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DE85002883 **08**-*516,329* PC **A02**/MF **A01**

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DE85006564 **23**-*552,889* PC **A02**/MF **A01**

DOE/ER/01198-T7
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DE85006813 **12**-*527,065* PC **A04**/MF **A01**

DOE/ER/01198-T8
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DE85010229 **17**-*538,192* PC **A11**/MF **A01**

TR-10
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AD-A149 082/0 **07**-*514,958* PC **A03**/MF **A01**

Densification of Submicron YSZ (Yttria-Stabilized Zirconia) Powders with Alumina and Borate Additives.
AD-A149 520/9 **08**-*516,839* PC **A03**/MF **A01**

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DE85002079 **05**-*512,601* PC **A02**/MF **A01**

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DE85015595 **25**-*559,895* PC **A02**/MF **A01**

TR-37
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AD-A151 567/5 **12**-*526,663* PC **A02**/MF **A01**

Pressure Effects on the Dynamic Structure of Liquids.
(AFOSR-TR-84-1242)
AD-A149 767/6 **09**-*518,829* PC **A02**/MF **A01**

Thermotropic Ionic Liquid Crystals. II. 1H and 23Na NMR Study of the Smectic Mesophase of Molten Sodium N-Butyrate and Sodium Isovalerate.
(AFOSR-TR-84-1241)
AD-A149 768/4 **09**-*518,830* PC **A02**/MF **A01**

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(AFOSR-TR-84-1240)
AD-A150 101/4 **09**-*518,846* PC **A02**/MF **A01**

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(AFOSR-TR-84-1247)
AD-A150 104/8 **09**-*518,849* PC **A02**/MF **A01**

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(AFOSR-TR-84-1250)
AD-A150 340/8 **10**-*521,686* PC **A02**/MF **A01**

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STRUCTURAL RESEARCH SER-505
Response of Highway Bridges to Nonlinear Temperature Distributions.
(FHWA/IL/UI-201)
PB85-188142 **16**-*536,370* PC **A14**/MF **A01**

TRANSPORTATION ENGINEERING SER-42
Mechanistic Design Concepts for Conventional Flexible Pavements.
(FHWA/IL-85/208)
PB85-224517 **22**-*550,659* PC **A07**/MF **A01**

UILU-ENG-81-2005
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(NSF/PRA-81033)
PB85-194215 **16**-*536,300* PC **A10**/MF **A01**

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(FHWA/IL/UI-201)
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AD-A147 116/8 **02**-*502,803* PC **A08**/MF **A01**

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(AFOSR-TR-85-0083)
AD-A150 965/2 **11**-*524,617* PC **A24**/MF **A01**

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(EPA/600/J-83-266)
PB85-104958 **01**-*501,789* Not available NTIS

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(NBSIR-85/3115)
PB85-177905 **11**-*524,726* PC **A03**/MF **A01**

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COO-2383-0098
Polylith and Environments for Mathematical Computation.
DE85002967 **08**-*516,964* PC **A04**/MF **A01**

DOE/ER/02383-0108
Polylith - the Early Goals.
DE85012534 **21**-*547,959* PC **A03**/MF **A01**

DOE/ER/02383-0109
Numerical Method to Solve Parabolic Partial Differential Equations by Semidiscretization in Time.
DE85012533 **22**-*550,517* PC **A05**/MF **A01**

DOE/ER/10822-3
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DE85016730 **25**-*558,194* PC **A02**/MF **A01**

UILU-ENG-83-1725
Task Assignment in Distributed Systems.
(-COO---2383-0100)
DE84007329 **02**-*503,810* PC **A07**/MF **A01**

UILU-ENG-84-1729
Polylith and Environments for Mathematical Computation.
DE85002967 **08**-*516,964* PC **A04**/MF **A01**

UILU-ENG-84-1745
MATRIX: A Program That Shows How Row and Column Orderings Affect Matrix Fill-in.
(-COO---2383-0105)
DE85007522 **13**-*529,191* PC **A02**/MF **A01**

UILU-ENG-85-1709
Implementing Linear Multistep Formulas for Solving DAES.
(-COO---2383-0107)
DE85012400 **21**-*548,216* PC **A03**/MF **A01**

UILU-ENG-85-1710
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DE85012534 **21**-*547,959* PC **A03**/MF **A01**

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UIUCDCS-R-84-1171
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Implementing Linear Multistep Formulas for Solving DAES.
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DE85008133 **15**-*533,418* PC **A02**/MF **A01**

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DE85004284 **11**-*524,957* PC **A02**/MF **A01**

NAS 1.26:174347
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(NASA-CR-174347)
N85-18791/2 **12**-*527,663* PC **A02**/MF **A01**

SAR-1
Semiconductor Superlattice Photodetectors.
(NASA-CR-174347)
N85-18791/2 **12**-*527,663* PC **A02**/MF **A01**

UCRL-15647
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DE85006256 **13**-*529,974* PC **A07**/MF **A01**

Non-Linear Optical Techniques for Visible and UV Lasers and Thin Film Deposition.
(AFOSR-TR-84-1263)
AD-A150 489/3 **10**-*522,922* PC **A02**/MF **A01**

ILLINOIS UNIV. AT URBANA-CHAMPAIGN. DEPT. OF ELECTRICAL ENGINEERING.

Construction and Study of Improved Al(x)Ga(1-x)As-GaAs Heterostructure Devices.
(ARO-18509.51-EL)
AD-A153 264/7 **15**-*533,775* PC **A04**/MF **A01**

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AD-P004 615/1 **17**-*537,991* PC **A02**/MF **A01**

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(ARO-16743.4-GS)
AD-A147 225/7 **03**-*505,956* Not available NTIS

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CONF-841231-11
Condensing Coefficients when Using Refrigerant Mixtures.
DE85005243 **21**-*548,177* PC **A02**

DOE/PC/40804-T11
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DE85005879 **13**-*530,323* PC **A07**/MF **A01**

UILU-ENG-84-4001
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(AFOSR-TR-85-0383)
AD-A153 830/5 **16**-*536,952* PC **A03**/MF **A01**

UILU-ENG-84-4002
Plasma Initiation/Flow Chamber to Study CW Laser Beamed Energy Absorption in Light Gases.
(AFOSR-TR-85-0205)
AD-A151 225/0 **12**-*528,039* PC **A04**/MF **A01**

UILU-ENG-84-4005
Modeling of Propulsive Jet Plumes--Extension of Modeling Capabilities by Utilizing Wall Curvature Effects.
(ARO-19823.3-EG)
AD-A146 262/1 **01**-*502,738* PC **A06**/MF **A01**

UILU-ENG-84-4007
Analysis of Shock to Detonation Transition (SDT) of Porous High Energy Propellant from Ramp-Wave Compression Loading.
(AFOSR-TR-84-1105)
AD-A149 333/7 **08**-*518,308* PC **A06**/MF **A01**

UILU-ENG-84-4009
Fully Viscous Two-Dimensional Unsteady Flow Analysis Applied to Detonation Transition in Porous Explosives.
(AFATL-TR-85-12, SBI-AD-E801-156)
AD-A157 794/9 **24**-*556,563* PC **A06**/MF **A01**

UILU-ENG-84-4010
Analysis of Deflagration to Detonation Transition in High-Energy Solid Propellants.
(AFOSR-TR-84-1101)
AD-A148 302/3 **05**-*512,639* PC **A09**/MF **A01**

UILU-ENG-85-4004
Experiments in Plasma Initiation and Laser Absorption in Flowing Gases.
(AFOSR-TR-85-0452, AFOSR-AR-85-01)
AD-A154 303/2 **17**-*539,420* PC **A03**/MF **A01**

Multiple Ducted Streams with a Periodic or a Steady Supersonic Drive Flow.
(ARO-19823.6-EG)
AD-A146 589/7 **01**-*500,008* Not available NTIS

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(ARO-19823.9-EG)
AD-A157 758/4 **24**-*556,546* PC **A02**/MF **A01**

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(ARO-19990.1-MS)
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AD-A148 322/1 **05**-*511,680* PC **A07**/MF **A01**

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(AFOSR-TR-84-1018)
AD-A148 427/8 **05**-*511,681* PC **A06**/MF **A01**

Measurement of Strain Fields by X-Ray Topographic Contour Mapping.
AD-A154 870/0 **18**-*541,315* PC **A03**/MF **A01**

Effect of Diffusive Hydrogen Segregation on Fracture of Polycrystalline Nickel.
AD-A155 238/9 **19**-*543,206* PC **A03**/MF **A01**

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DE85005889 **11**-*525,198* PC **A03**/MF **A01**

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DE85014316 **24**-*557,023* PC **A02**/MF **A01**

COO-1195-489
Forward Charge Distributions Associated with Hadronically Produced J/psi Particles.
DE84005484 **02**-*504,950* PC **A08**/MF **A01**

COO-1195-490
Production of Charmonium States in 225 GeV/C pi-Minus Beryllium Interactions.
DE84005492 **02**-*504,951* PC **A11**/MF **A01**

COO-1195-491
Observation of eta-C and Other Structures in the Radiative Decay psi to gamma eta pi-Plus pi-Minus.
DE85000715 **11**-*525,437* PC **A07**/MF **A01**

COO-1195-495
Phi Meson Production in J/psi Decays and Determination of the Spin and Parity of the eta-C(2980).
DE85000714 **09**-*520,463* PC **A07**/MF **A01**

COO-1195-496
Production of K exp + K exp - and ppbar Pairs in High Energy Photoproduction.
DE85011214 **19**-*544,146* PC **A10**/MF **A01**

COO-1195-497
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IAP-84-22
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(NASA-CR-174354)
N85-19904/0 **13**-*528,395* PC **A03**/MF **A01**

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AD-A147 569/8 **03**-*505,575* PC **A03**/MF **A01**

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AD-A149 858/3 **09**-*518,579* Not available NTIS

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AD-A154 049/1 **17**-*538,187* PC **A07**/MF **A01**

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AD-A149 651/2 **09**-*520,179* PC **A04**/MF **A01**

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EC-85-3
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(ARO-18054.14-EL)
AD-A155 832/9 **21**-*548,003* PC **A02**/MF **A01**

UIEC-84-3
Investigation of Planar Waveguides and Components for Millimeter-Wave Integrated Circuits.
(ARO-18054.11-EL)
AD-A147 380/0 **03**-*506,212* PC **A05**/MF **A01**

UIEC-85-4
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Circularly Polarized Microstrip Antennas.
AD-P004 616/9 **17**-*537,992* PC **A02**/MF **A01**

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EPL-84-3/ONR-84-2
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AD-A150 985/0 **11**-*523,628* PC **A03**/MF **A01**

EPL-84-4/ONR-84-3
Integration of Information from an Analog-Visual Display: The Role of Dimensional Integrality.
AD-A150 756/5 **11**-*524,225* PC **A03**/MF **A01**

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AD-A150 713/6 **11**-*524,921* PC **A02**/MF **A01**

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CONF-841105-34
O-D Ignition Condition Analysis for an OHTE Device.
DE85000676 **06**-*514,200* PC **A02**/MF **A01**

CONF-850610-25
New Concept for a Wall Detector for alpha Particles.
DE85009037 **18**-*541,445* PC **A02**/MF **A01**

CONF-850610-26
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DE85014279 **22**-*551,685* PC **A02**/MF **A01**

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COO-2218-318
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DE85016725 **26**-*560,833* PC **A06**/MF **A01**

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ED-247 937 **08**-*515,904* Not available NTIS

OP-164
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OP-165
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ILLINOIS UNIV. AT URBANA-CHAMPAIGN. HUMAN ATTENTION RESEARCH LAB.

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AD-A146 245/6 **01**-*500,371* PC **A02**/MF **A01**

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DE85000073 **04**-*510,089* PC **A04**/MF **A01**

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PB85-249183 **26**-*560,030* PC **A04**/MF **A01**

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(USGS/G-840-05)
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UILU-WRC-84-191
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(USGS/G-840-02)
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PB85-132801 **05**-*511,764* PC **A04**/MF **A01**

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N85-13197/7 07-*515,536* PC **A02**/MF **A01**

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N85-11330/6 04-*510,205* PC **A03**/MF **A01**

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N85-13198/5 07-*515,537* PC **A02**/MF **A01**

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ISI-V-83-31859-19
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AD-A157 647/9 **23**-*552,068* PC **A04**/MF **A01**

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TR-12
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AD-A157 461/5 **23**-*552,056* PC **A03**/MF **A01**

TR-14
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TR-16
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TR-17
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PB85-230175 23-*553,691* PC **E04**/MF **E04**

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IFP-32-035
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PB85-136919 06-*513,183* PC **E03**/MF **E03**

CO-208/84
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PB85-123974 04-*510,158* PC **E03**/MF **E03**

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PB85-199206 17-*539,241* PC **E03**/MF **E03**

CO-234/84
New Experimental Techniques for Probing Gun-Barrel Boundary Layers.
PB85-185932 15-*534,721* PC **E03**/MF **E03**

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PB85-185643 15-*534,720* PC **E03**/MF **E03**

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PB85-157873 10-*522,972* PC **E03**/MF **E03**

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PB85-231934 23-*554,335* PC **E04**/MF **E04**

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N85-24017/4 17-*538,299* PC **A04**/MF **A01**

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PB85-237493 25-*559,830* PC **E03**/MF **E03**

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Etude de la Combustion d'Une Poudre Propulsive a Base de Nitramine Jusqu'a des Pressions de 1500 Mpa et Comparaison de Ses Performances Avec Celle de Poudres Propulsives Classiques (Study on the Combustion of Nitramine Propulsion Powder Up to 1500 Mpa and Comparison of the Performance with That of Classical Propulsion Powders).
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ISL-CO-203/84
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N85-31487/0 23-*554,138* PC **A02**/MF **A01**

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ISL-CO-205/83
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ISL-CO-207/83
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N85-24274/1 17-*539,250* PC **A02**/MF **A01**

ISL-CO-207/84
Telemetriesystem Zur Uebertragung von Messwerten Aus Geschossen Waehrend der Beschleunigungsphase im Rohr (Telemetry System for the Transmission of Data from Projectiles during the Acceleration Phase in the Gun Barrel).
N85-33178/3 26-*561,679* PC **A02**/MF **A01**

ISL-CO-207/84
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PB85-172435 12-*527,867* PC **E03**/MF **E03**

ISL-CO-208/83
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Darstellung der Simultanionsarbeiten Zur Endballistik Anhand Ausgesuchter Beispiele. Anwendungen des Isl-Rechenmodells Pepsi (Presentation of Numerical Simulation Work in Terminal Ballistics Using a Few Examples. Applications of the Calculation Model Program for Elastoplastic Simulation of Impacts (PEPSI) of the Franco-German Research Institute Saint Louis (Isl)).
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ISL-CO-210/83
Anwendung der Laseranemometrie Auf Brennkammerstrahlen (Application of Laser Anemometry to Jets in Combustion Chambers).
N85-24253/5 17-*539,620* PC **A03**/MF **A01**

ISL-CO-211/83
Eine Zweistufenbombe Zur Messung der Entflammbarkeit von Treibladungspulvern (A Two-Step Bomb to Determine the Inflammability of Propellant Charge Powders).
N85-24026/5 17-*539,237* PC **A02**/MF **A01**

ISL-CO-212/83
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N85-27182/3 19-*544,007* PC **A02**/MF **A01**

ISL-CO-212/84
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N85-33450/6 26-*561,699* PC **A02**/MF **A01**

ISL-CO-212/84
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PB85-163830 11-*525,363* PC **E03**/MF **E03**

ISL-CO-213/83
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N85-24254/3 17-*539,305* PC **A02**/MF **A01**

ISL-CO-213/84
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N85-33472/0 26-*561,307* PC **A02**/MF **A01**

ISL-CO-214/83
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N85-12872/6 07-*514,324* PC **A05**/MF **A01**

ISL-CO-215/84
Mesures de Vitesse et de Concentration dans les Jets Libres (Measurement of Velocity and Concentration in Free Jets).
N85-33451/4 26-*561,700* PC **A03**/MF **A01**

ISL-CO-215/84
Mesures de Vitesse et de Concentration dans les Jets Libres (Measurement of Speed and Particle Concentration in Free Jets) (Messung der Geschwindigkeit und Teilchenkonzentration in Freistrahlen).
PB85-172765 13-*530,331* PC **E04**/MF **E04**

ISL-CO-216/83
Einfluss der Form und des Spiels Eines Flugkolbens Auf die Grenzschicht und den Waermeuebergang (Effect of Form and Clearance of a Piston Launched in a Tube on the Boundary Layer and the Heat Transfer).
N85-24255/0 17-*539,244* PC **A03**/MF **A01**

ISL-CO-216/84
New Method for Compensating and Measuring Any Motion of Three-Dimensional Objects in Holographic Interferometry.
N85-33474/6 26-*561,283* PC **A02**/MF **A01**

ISL-CO-216/84
Nouvelle Methode de Correction et de Mesure des Deplacements Quelconques d'un Objet Tridimensionnel en Interferometrie Holographique (New Method for Compensationg and Measuring any Motion of 3D-Objects in Holographic Interferometry) (Neue Methode fuer die Korrektur und die Messung von Beliebigen Verschiebungen eines Dreidimensionalen Objektes in der Holographischen Interferometrie).
PB85-164481 11-*524,823* PC **E03**/MF **E03**

ISL-CO-217/83-PT-1
Komponenten der Verbrennungsgase von Treibladungspulvern Nach Umsetzung in der Hochdruckbombe im Druckbereich Bis 1000 Mpa. Teil 1: Nitroglycerinpulver Gb PA 125 (Components of the Combustion Gases of Propellant Charge Powders after Reaction in the High Pressure Bomb in the Pressure Range Up to 1000 Mpa. Part 1: Nitroglycerine Powder Gb PA 125).
N85-24027/3 17-*539,238* PC **A02**/MF **A01**

ISL-CO-217/84
Experimental Simulation of in-Bore Flows Using a High Pressure Shock Tube.
N85-33452/2 26-*561,680* PC **A02**/MF **A01**

ISL-CO-217/84
Experimental Simulation of In-Bore Flows Using a High Pressure Shock Tube.
PB85-164531 11-*525,319* PC **E03**/MF **E03**

ISL-CO-218/83
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N85-24256/8 17-*539,306* PC **A02**/MF **A01**

ISL-CO-218/84
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N85-33488/6 26-*561,712* PC **A03**/MF **A01**

ISL-CO-219/83
Beanspruchung von Rotationssymetrischen Schwermetallprojektilen Beim Abschuss (Stress in Axially Symmetrical Heavy Metal Projectiles During Discharge).
N85-24345/9 17-539,239 PC A02/MF A01

ISL-CO-219/84
Comparison of Laser-Doppler Anemometry and Probe Measurements Within the Boundary Layer of an Airfoil at Subsonic Flow.
PB85-163814 11-523,231 PC E03/MF E03

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Behavior of the Porous Bed in a Combustion-Deflagration-Detonation Transition.
N85-33224/5 26-561,668 PC A02/MF A01

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PB85-172401 12-528,116 PC E03/MF E03

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N85-33225/2 26-561,669 PC A02/MF A01

ISL-CO-222/83
Simulation Innenballistischer Stroemungen im Strossrohr (Simulation of Interior Ballistics Flows in a Shock Tube).
N85-27183/1 19-544,008 PC A03/MF A01

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Feasibility Study on Laser Doppler Anemometer (LDA) Wind Velocity Measurements Using Pulsed Visible Laser Light.
N85-27489/2 19-542,277 PC A02/MF A01

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N85-27490/0 19-543,688 PC A02/MF A01

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PB85-164432 11-523,232 PC E03/MF E03

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33 Jahre Forschung MIT Strossrohren im Deutsch-Franzoesischen Forschunginstitut Saint Louis (Thirty-Three Years of Research with Shock Tubes in the Franco-German Research Institute, Saint Louis (France)).
N85-24257/6 17-539,307 PC A02/MF A01

ISL-CO-226/84
Utilisation de Fibres Optiques en Holographie au Laser Pulse (Use of Optical Fibers in Pulsed Holography).
PB85-164440 11-525,384 PC E03/MF E03

ISL-CO-227/84
Diffraction X Instantanee (Flash X-ray Diffraction) (Roentgenblitz-Beugungsdiagramme).
PB85-170884 13-529,837 PC E03/MF E03

ISL-CO-228/83
Anwendung von Microchannelplates in der Roetgenblitztechnik (Utilization of Microchannel Plates in the Flash X-Ray Technique).
N85-24275/8 17-538,716 PC A02/MF A01

ISL-CO-228/84
Detonation des Explosifs Condenses: Evolution des Etudes et Connaissances au Cours des Quarante Dernieres Annees (Detonation of Condensed Explosives: Evolution of Studies and Knowledge in the Course of the Last Forty Years) (Detonation Kondensierter Sprengstoffe: Uebersicht Ueber die in den Vergangenen Vierzig Jahren Durchgefuehrten Arbeiten und Erzielten Ergebnisse).
PB85-172757 12-527,888 PC E04/MF E04

ISL-CO-229/84
Sprengstoffe Auf der Basis von Hydrazinnitrat (Hydrazine Nitrate Based Explosives).
N85-33272/4 26-561,671 PC A02/MF A01

ISL-CO-230/83
Partikelmitfuehrung in Einem Kompressiblen Wirbel (Particle Entrainment in a Compressible Vortex).
N85-13192/8 07-515,532 PC A02/MF A01

ISL-CO-230/84
Particle Sizing by the Aid of Whisker Collectors.
PB85-231421 23-553,702 PC E04/MF E04

ISL-CO-231/83
Utilisation du Principe d'Isoenergie et de la Ponderation a pour l'Evaluation des Risques Lesionnels Dus a l'Exposition aux Bruits dans UN Environnement Militaire (Application of the Isoenergy Principle and the Weighing to Evaluate Lesion Risks Due to Noise in a Military Environment).
N85-24720/3 17-537,582 PC A02/MF A01

ISL-CO-232/83
Experimentelle Simulation der Stroemungen VOR und Hinter Einem Geschoss MIT und Ohne Gasschlupf (Experimental Simulation of the Flows in Front of and Behind a Projectile with and Without Gas Slippage).
N85-24258/4 17-539,245 PC A03/MF A01

ISL-CO-232/84
Study of High-Speed Combustion Flows by Laser Velocimetry.
PB85-224012 22-551,811 PC E04/MF E04

ISL-CO-233/83
Die Verwendung Einer Leichtgaskanone Zur Simulation Innenballistischer Stroemungen (The Utilization of a Light-Gas Gun to Simulate Interior Ballistic Flow).
N85-24259/2 17-539,246 PC A02/MF A01

ISL-CO-234/83
Mesures de Pression Acoustique Intracochleaire Chez le Cobaye (Measurement of Cochlear Acoustic Pressure in Guinea Pigs).
N85-27644/2 19-542,750 PC A03/MF A01

ISL-CO-235/83
Untersuching Zur Drosselwirkung Eines Interpulverbetts Auf Partikelbeladene Anzuendschwaden (Investigation of the Choking Effect of an Inert Granular Bed on an Ignition Gas Jet Charged with Particles).
N85-24028/1 17-539,242 PC A02/MF A01

ISL-CO-236/83
Laser in der Kurzzeitphysik und Ballistik (Lasers in the Domains of Ultrashort-Time Phenomena Physics and Ballistics).
N85-24299/8 17-538,717 PC A03/MF A01

ISL-CO-238/83
Holographie Ultra-Rapide par Fibres Optiques (Ultrafast Holography with Use of Optical Fibers) (Kurzzeitholographie unter Verwendung von Optischen Fasern).
PB85-215903 20-546,525 PC E03/MF E03

ISL-CO-239/83
Interferometrische Geschwindigkeitsmessungen in der Ballistik (Interferometric Velocity Measurements in Ballistics).
N85-24276/6 17-539,251 PC A03/MF A01

ISL-CO-240/83
Untersuchung der Turbulenten Abgeloesten Stroemung Hinter Einem Spoiler (Investigation of the Turbulent Separated Flow Behind a Spoiler).
N85-23726/1 17-537,010 PC A03/MF A01

ISL-CO-240/83
Untersuchung der Turbulenten Abgeloesten Stroemung Hinter Einem Spoiler (Investigation of Separated Turbulent Flow behind a Spoiler).
PB85-147007 08-515,728 PC E04/MF E04

ISL-CO-241/84
Analyse von Aussenballistischen Sonderproblemen mit 6-Freiheitsgrad-Modellen (Analysis of Special External Ballistic Problems with 6-Degree-of-Freedom Models) Analyse de Problemes Particuliers de la Balistique Exterieure a l'Aide de Modeles a 6 Degres de Liberte.
PB85-247138 26-561,683 PC E04/MF E04

ISL-N-601/84
Formation du Flux Secondaire dans le Tube de Lancement d'un Propulseur a Poudre Sous-Calibre (Formation of Secondary Flow in the Launching Tube of a Low Caliber Weapon with Automatic Propulsion) (Bildung des Sekundaerstromes im Abschussrohr eines Unterkaliber-Geschosses mit Eigenantrieb).
PB85-157956 10-522,911 PC E03/MF E03

ISL-N-602/84
Quarzstabilisierter Treiber fuer die Braggzellen IM 20, der Firma SORO, mit in 100-kHz-Schritten Einstellbarer Differenzfrequenz (Quartz-Stabilized Driver for Bragg Cells IM 20 from the SORO Company, with Differential Frequency Adjustable in 100-kHz Steps).
PB85-157170 10-522,509 PC E03/MF E03

ISL-N-603/84
Analyse Spectrale des Fluctuations de Vitesse Mesurees par Anemometrie Laser (Spectral Analysis of Speed Fluctuations Measured by Laser Anemometry) (Spektralanalyse der mit Hilfe der Laseranemometrie Gemessenen Geschwindigkeitsschwankungen).
PB85-237477 24-556,654 PC E04/MF E04

ISL-N-608/84
Stimulation Acoustique en Circuit Ferme Chez le Cobaye: Mesure de Quelques Parametres (Acoustic Stimulation in Closed Circuit in the Guinea Pig: Measurement of Some Parameters) (Akustische Stimulierung in Geschlossener Anordnung beim Meerschweinchen: Messung Einiger Parameter).
PB85-231439 23-552,390 PC E04/MF E04

ISL-N-613/83
Mesure des Vitesses et des Grandeurs Turbulentes dans un Jet Libre Non Excite (Measurement of Velocities and Turbulence Values in a Non-Excited Free Jet) (Messung von Geschwindigkeiten und Turbulenzgroessen in einem Nichtangeregten Freistrahl).
PB85-157964 10-522,959 PC E04/MF E04

ISL-NB-402/83
Le Developement du Velocimetre Laser Embarquable a l'Isl de 1976 a 1982 (The Development of Onboard Laser Velocimeter at the Saint Louis Institute (France) from 1976 to 1982).
N85-27216/9 19-542,104 PC A04/MF A01

ISL-NB-402/83
Developpement du Velocimetre Laser Embarquable a l'ISL de 1976 a 1982 (Development of the Transportable Laser Velocimeter at ISL from 1976 to 1982 (Zwischen 1976 und 1982 im ISL Durchgefuehrte Arbeiten zur Entwickling Eines Laser-Velozimeters fuer den Einsatz an Bord von Flugzeugen).
PB85-222941 21-548,716 PC E04/MF E04

ISL-R-101/83
Druckwellen VOR und Hinter Einem Fluckolben im Strossrohr (Compression Waves in Front of and Behind a Piston Launched in a Shock Tube).
N85-24260/0 17-539,247 PC A08/MF A01

ISL-R-101/84
Fatigue Auditive Engendree Par l'Exposition a des Sons de Differentes Frequences Presentes a des Niveaux d'Audition Egaux (Auditory Fatigue Caused by Exposure to Different Frequency Sounds Presented at Equivalent Intensity).
N85-31923/4 23-552,413 PC A03/MF A01

ISL-R-102/83
Utilisation des Fibres Optiques en Holographie (The Utilization of Optical Fibers in Holography).
N85-27196/3 19-544,037 PC A03/MF A01

ISL-R-103/83
Creation d'Ondes de Detonation de Forme et de Caracteristiques Temporelles Donnees (Generation of Detonation Waves of Given Spatial and Temporal Characteristics).
N85-27021/3 19-543,963 PC A03/MF A01

ISL-R-103/84
Mechanismus, Triggermethoden und Anwendungen der Pseudofunkenentladung (Mechanism, Trigger Methods and Applications of Pseudospark Discharge) (Fonctionnement, Methodes de Declenchement et Applications des Eclateurs a Pseudo-Decharge).
PB85-157188 10-522,934 PC E03/MF E03

ISL-R-103/85
Mesures de Champs de Vitesses dans les Fluides par Traitement d'Images de Microparticules (Measurements of Velocity Fields in Fluids by Image Treatment of Microparticles) (Messung von Geschwindigkeitsfeldern in Stroemungen durch Verarbeitung der Bilder von Mikroteilchen).
PB85-228443 23-553,686 PC E03/MF E03

ISL-R-104/84
Stosswellen in Benachbarten Triebwerkseinlaeufen (Shock Waves in Adjacent Engine Inlets).
N85-31068/8 23-554,193 PC A03/MF A01

ISL-R-105/84-PT-2C
Laserwirkung Auf Undurchsichtige Ziele. Teil 2C: Thermische Wirkungen bei Zeitveraenderlicher Intensitaet (Laser Effects on Opaque Targets. Part 2C: Thermal Effects of a Time-Variable Beam Intensity).
N85-33486/0 26-561,378 PC A06/MF A01

ISL-R-106/84
Herstellung von Nitraminen durch Substitutionsreaktionen an Halogenverbindungen (Preparation of Nitramines Through Substitution Reactions with Halogen Compounds) (Preparation de Nitramines par Reactions de Substitution avec des Composes Halogenes).
PB85-172781 13-528,936 PC E04/MF E04

ISL-R-108/84
Transition Combustion-Deflagration-Detonation dans Une Poudre Spherique Confinee (Combustion-Deflagration-Detonation Transition in a Confined Spherical Powder).
N85-33223/7 26-561,667 PC A03/MF A01

ISL-R-109/83-PT-1
Die Detonation von Brennstoffaerosolen und Daempfen Unter Kontrollierten Bedingungen. Teil 1: Aufbau Einer Versuchsanlage (The Detonation of Aerosols and Vapors of Combustible Substances under Controlled Conditions. Part 1. Construction of a Test Installation).
N85-23966/3 17-538,711 PC A04/MF A01

ISL-R-109/84
Gaszusammensetzung und Molekuelgeschwindigkeiten in Expandierenden Detonationsschwaden von Nitropenta (Petn) im Hochvakuum. Massenspektrometrische Untersuchung und Laufzeitanalyse (Gas Composition and Molecule Velocity in the Detonation Products of Pentaerythritol Tetranitrate (Petn) in Expansion in a High Vacuum Container. Analysis by Mass Spectroscopy and Time of Flight Spectrometry).
N85-33226/0 26-561,670 PC A04/MF A01

ISL-R-110/84
Messungen an der Zwei-Phasenstroemung im Ausstroemungsbereich eines Gewehrs vom Kaliber 7,62 mm (Measurements on Two-Phase Flow in the Muzzle Area of a 7.62 mm Caliber Gun) (Mesures Relatives a l'Ecoulement Diphasique au Voisinage de la Bouche d'un Fusil de 7,62 mm de Calibre).
PB85-234656 23-554,140 PC E06/MF E06

ISL-R-111/84
Etude Holographique de la Pulverisation Produite par un Injecteur de Moteur VIKING (Holographic Study of Pulverization Produced by a VIKING Motor Injector Nozzle) (Holographische Untersuchung der Durch Eine Einspritzduese des Triebwerks VIKING Erzeugten Zerstaeubung).
PB85-172849 12-528,257 PC E04/MF E04

ISL-R-112/84
Numerische Simulation Innen- und Endballistischer Vorgaenge Untersuchung von Parametereinfluessen und Anwendungsbeispiele (Numerical Simulation of Interior and Terminal Ballistics Phenomena. Investigation of the Effects of the Parameters and Application Examples).
N85-33731/9 26-561,681 PC A03/MF A01

ISL-R-113/83
Methode d'Evaluation de l'Energie Residuelle d'UN Eclat Apres Perforation d'Une Cible Mince (A Method for the Evaluation of the Residual Energy of a Metallic Fragment after Perforation of a Thin Target).
N85-27233/4 19-543,969 PC A03/MF A01

ISL-R-114/83
Contribution a l'Etude de la Localisation des Sources de Bruit Equivalentes dans des Jets Froids Rapides (Contri-

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bution to the Study of Equivalent Noise Source Identification in Fast Cold Jets).
N85-27645/9 **19**-*543,977* PC **A11**/MF **A01**

ISL-R-115/83
Etude du Couplage Entre Champs Moyen, Coherent et Turbulent dans UN Jet, Libre Rond Excite (Study of the Coupling between Average, Coherent and Turbulent Fields in a Circular Excited Free Jet).
N85-27184/9 **19**-*544,009* PC **A12**/MF **A01**

ISL-R-116/83
Formation d'Une Nappe Lumineuse Coherente a l'Aide d'un Systeme Optique Sphero-Cylindrique (Formulation of a Coherent Light-Sheet by Means of a Cylindrical-Spherical Optical System).
N85-27674/9 **19**-*544,038* PC **A04**/MF **A01**

ISL-R-116/83
Formation d'une Nappe Lumineuse Coherente a l'Aide d'un Systeme Optique Sphero-Cylindrique (Formation of a Coherent Light Plane by Means of a Sphero-Cylindrical Optical System).
PB85-146983 **05**-*517,804* PC **E04**/MF **E04**

ISL-R-117/83
Analyse des Structures Ordonnees dans les Jets et Relation Avec le Bruit Emis (Analyses of Orderly Structures in Jets and the Relationship with Emitted Noise).
N85-27646/7 **19**-*543,978* PC **A03**/MF **A01**

ISL-R-118/83
Nichtstationaere Rohrstroemmungen MIT Verbrennung (Unsteady Flows in a Tube with Combustion Reaction).
N85-24261/8 **17**-*539,248* PC **A05**/MF **A01**

ISL-R-119/83
Kupferhohlkathodenlaser (Laser with a Hollow Copper Cathode).
N85-24300/4 **17**-*539,328* PC **A02**/MF **A01**

ISL-R-119/84
Mecanismes Cochleaires Impliques dans le Seuil de Sensibilite Auditive et la Fatigue Auditive (Results of a Study on Auditory Fatigue Induced by Exposure to Pure Tones Applied at the Input to the Cochlea) (Fuer den Schwellenwert von Gehoerempfindlichkeit und Gehoererermuedung Massgebliche Vorgaenge in der Cochlea).
PB85-230290 **23**-*552,389* PC **E06**/MF **E06**

ISL-R-120/84
Etude du Bruit Rayonne par le Sillage d'un Barreau Place dans un Ecoulement (Study of the Noise Emitted by the Wake of a Rod Placed in a Flow) (Untersuchung des vom Nachlauf eines Umstroemten Stabes Emittierten Laerms).
PB85-247401 **26**-*559,981* PC **E04**/MF **E04**

ISL-R-121/83
Die Ausbildung Eines Symmetrischen Wirbelpaares Hinter Einem Angestellten Sch Schlanken Drehkoerper (Generation of a Pair of Symmetric Eddies Behind a Slender Axisymmetric Body with Pitch Angle).
N85-19934/7 **14**-*530,743* PC **A05**/MF **A01**

ISL-R-122/83
Influence de la Loi de Comportement dans la Deformation Par Explosif d'Assiettes Metalliques (Influence of Behavior Laws in the Explosive Deformation of Metal Plates).
N85-27032/0 **19**-*543,968* PC **A03**/MF **A01**

ISL-R-124/83
Etudes des Correlations Vitesse-Pression Acoustique Conditionnees sur le Signe et l'Amplitude de la Fluctuation de Vitesse dans UN Jet Froid (Study of the Velocity-Acoustic Pressure Correlation in a Cold Jet, Centered on the Sign and the Amplitude of the Velocity Fluctuations).
N85-13193/6 **07**-*515,516* PC **A03**/MF **A01**

ISL-R-125/83
Geschwindigkeitsmessungen in Einer Aerosolwolke Waehrend der Pyrotechnischen Zerstaeubung (Measurement of the Expansion Velocity of an Aerosol Cloud During Pyrotechnical Dispersion).
N85-24262/6 **17**-*539,249* PC **A03**/MF **A01**

ISL-R-126/83
Modele de Calcul des Ecoulements Libres Turbulents: Application au Jet Axisymetrique (Computation Model of Turbulent Free Flow: Application to Axisymmetric Jets).
N85-27185/6 **19**-*544,010* PC **A03**/MF **A01**

ISL-R-126/84
Mesure Optique du Volume d'un Cratere par Projection de Franges (Optic Measurement of a Crater Volume by Projecting a Stress Pattern) (Optische Messung eines Kratervolumens durch Projektion eines Streifensystems).
PB85-247369 **26**-*561,684* PC **E04**/MF **E04**

ISL-R-128/83-PT-2
Durchfuehrbarkeitsstudie Zum Bau Einer Anlage Zur Simulation der Treibgasstroemung in Einem Waffenrohr, 2 (Feasibility Study of an Installation to Simulate the Flow of Propellant Gases in a Gun Barrel, Part 2).
N85-24263/4 **17**-*539,253* PC **A03**/MF **A01**

ISL-R-129/83
Experimentelle und Theoretische Untersuchung der Partikelbewegung in Einem Kompressible Wirbel (Experimental and Theoretical Investigation of the Motion of Particles in a Compressible Vortex).
N85-24264/2 **17**-*539,308* PC **A04**/MF **A01**

ISL-R-131/83
Einsatzmoeglichkeiten der Laser-Doppler-Anemometrie bei der Untersuchung der Transsonischen Wechselwirkung Zwischen Verdichtungsstoss und Grenzschicht (Application Possibilities of Laser Doppler Anemometry in the Investigation of the Transonic Interaction Between Shock Wave and Boundary Layer).
N85-24265/9 **17**-*538,712* PC **A04**/MF **A01**

ISL-R-131/83
Possibilites d'Application de l'Anemometrie Laser a l'Etude de l'Interaction Cho/Couche Limite en Transsonique (Possibilities of Applying Laser Anemometry to an Investigation of the Interaction Shock/Boundary Layer in Transonic Flight).
PB85-144533 **07**-*514,327* PC **E04**/MF **E04**

ISL-RT-501/84
Etude, par la Methode de Coin, de la Composition B2141 (SNPE): Correlation entre l'Amorcabilite et la Formulation d'un Explosif a Liant Plastique (Wedge-Technique Investigation of Composite Explosive B2141 (SNPE). Correlation between Ignitability and Formation of an Explosive with Plastic Bond).
PB85-141596 **07**-*515,502* PC **E04**/MF **E04**

ISL-RT-502/85
Dispositifs d'Excitation Electrique a Double Implusion pour Lasers a Gaz a Vapeurs Metalliques (Double-Impulse Devices for Electrical Excitation of Gas or Metal Vapor Lasers) Doppelimpuls-Vorrichtungen fuer Die Elektrische Anregung von Gas-bzw. Metalldampflasern.
PB85-247203 **26**-*561,726* PC **E03**/MF **E03**

ISL-RT-504/84
Mise au Point d'un Laser HF de Faible Puissance (Perfecting a Low-Power HF Laser).
PB85-145076 **07**-*515,548* PC **E04**/MF **E04**

ISL-RT-507/84
Etude de l'Allumage au Calibre 120 mm 1re Partie: Description et Experimentation de l'Installation (Investigation of the Ignition Process in the 120 mm Caliber. Part 1. Description and Testing of Test Facility) (Untersuchung des Anzuendvorgangs im Kaliber 120 mm, 1. Teil: Beschreibung und Erprobung der Versuchsanlage).
PB85-172898 **12**-*528,117* PC **E04**/MF **E04**

ISL-RT-513/84
Schussversuche zur Untersuchung der Beschleunigungsfestigkeit von Lithium-Batterien (Firing Tests on the Investigation of the Acceleration Resistance of Lithium Batteries) Essais de Tir pour Etudier la Tenue a l'Acceleration de Batteries au Lithium.
PB85-247914 **26**-*560,878* PC **E03**/MF **E03**

N-611/83
Controle Holographique des Particules Emises par l'Injecteur TSI 3050 (Holographic Control of Particles Emitted by the TSI 3050 Injector).
PB85-137313 **06**-*513,256* PC **E03**/MF **E03**

N-615/83
Conception et Realisation d'un Generateur d'Impulsions Haute Tension de 1,5 MV (Concept and Execution of a High-Voltage Pulse Generator of 1.5 MV).
PB85-137263 **06**-*513,475* PC **E03**/MF **E03**

R-121/83
Die Ausbildung eines Symmetrischen Wirbelpaares Hinter Einem Angestellten Schlanken Drehkoerper (Formation of a Symmetrical Vortex Pair Behind a Slender Rotational Body).
PB85-117190 **03**-*506,870* PC **E05**/MF **E05**

R-121/84
Reaktionen von Nitroaromaten in Pyridin (Reactions of Aromatic Compounds in Pyridin) (Reactions des Composes Aromatiques Nitres dans la Pyridine).
PB85-216265 **20**-*544,942* PC **E03**/MF **E03**

R-123/82
Mesures Comparatives a l'Aide du Velocimetre Interferentiel a Laser et de l'Anemometre Laser a Franges de la Vitesse d'Ejection des Gaz a la Bouche d'un Fusil (Comparative Measurements with Laser-Interference Velocimeter and Strip Anemometer on Smoke Discharge of a Rifle).
PB85-117257 **03**-*506,836* PC **E04**/MF **E04**

R-129/83
Experimentelle und Theoretische Untersuchung der Partikelbewegung in Einem Kompressiblen Wirbel (Experimental and Theoretical Study of Particle Movement in a Compressible Vortex).
PB85-137404 **06**-*514,084* PC **E04**/MF **E04**

R-130/83
Temperaturmessungen an Hohlladungsstrahlen (Temperature Measurements on Hollow-Charge Beams).
PB85-119816 **05**-*511,700* PC **E04**/MF **E04**

RT-508/84
Simulation von Flugbahnen Nichtrotationssymmetrischer Flugkoerper in 6 Freiheitsgraden (Simulation of Trajectories of Non-Rotational Symmetric Missiles in 6 Degrees of Freedom).
PB85-212421 **19**-*543,757* PC **E06**/MF **E06**

RT-509/84
Bestimmung der Rollwinkellage und der Drehzahl von Geschossen durch Telemetrische Messung des Erdmagnetfeldes Waehrend des Fluges (Determination of Roll Angle Position and the Rotational Speed of Projectiles through Telemetric Measurement of the Terrestrial Magnetic Field during Flight).
PB85-216745 **20**-*546,471* PC **E04**/MF **E04**

Piezoelectric and Pyroelectric Polymers.
N85-27008/0 **19**-*542,813* PC **A03**/MF **A01**

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SER-B-267-PT-1-MITT-168,
Die Diagnoseausgleichung 1980 des Deutschen Hauptdreiecksnetzes. 4: Netzausgleichung (Teil 1) (The 1980 Diagnostic Adjustment of the German Main Triangulation Network. 4: Network Adjustment (Part 1)).
N85-20525/0 **14**-*531,551* PC **A16**/MF **A01**

SER-B-267-PT-2-MITT-168,
Die Diagnoseausgleichung 1980 des Deutschen Hauptdreiecksnetzes. 4: Netzausgleichung (Teil 2) (The 1980 Diagnostic Adjustment of the German Main Triangulation Network. 4: Network Adjustment (Part 2)).
N85-20526/8 **14**-*531,552* PC **A15**/MF **A01**

SER-B-267-PT-3-MITT-168,
Die Diagnoseausgleichung 1980 des Deutschen Hauptdreiecksnetzes. Iv: Netzausgleichung (Teil 3) (The 1980 Diagnostic Adjustment of the German Main Triangulation Network. 4: Network Adjustment (Part 3)).
N85-20494/9 **14**-*531,550* PC **A06**

SER-B-268-MITT-170
Edv-Programme fuer die Ausgleichung Vermittelender Beobachtungen MIT Bedingungsgleichungen Zwischen den Unbekannten (Computer Programs for the Adjustment of Indirect Observation with Condition Equations Between the Unknowns).
N85-18612/0 **12**-*526,756* PC **A09**/MF **A01**

SER-B-270-MITT-171
Simultanbestimmungen der Lotabweichungskomponenten xi und eta MIT Dem Prismenastrolabium (Simultaneous Determination of the xi and eta Components of Vertical Deflection with a Prism Astrolabe).
N85-18450/5 **12**-*526,755* PC **A02**/MF **A01**

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N85-27357/1 **19**-*542,877* PC **A08**/MF **A01**

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N85-29338/9 **21**-*547,828* PC **A03**/MF **A01**

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N85-29343/9 **21**-*547,829* PC **A06**/MF **A01**

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DE84770181 **03**-*506,614* PC **A03**/MF **A01**

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DE85780321 **17**-*538,935* PC **A06**/MF **A01**

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CONF-8306261-
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DE85770203 **18**-*541,134* PC **A03**/MF **A01**

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NP-5770166
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IRT-TB-B-40/82
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N85-16860/7 **11**-*524,875* PC **A02**/MF **A01**

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FLPU-83-7
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ISBN-0-11-884228-5
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PB85-230613 **23**-*552,743* PC **E04**/MF **E04**

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R-88
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PB85-139434 **07**-*515,095* PC **E09**/MF **E09**

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(NIH/PUB-85-2744, NIH-75-1-2)
PB85-171460 **13**-*528,637* PC **A07**/MF **A01**

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PB85-171460 **13**-*528,637* PC **A07**/MF **A01**

INSTITUTE OF NUCLEAR ENERGY RESEARCH, LUNG-TAN (TAIWAN).

CONF-831229-1
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DE85900146 **15**-*534,673* PC **A03**/MF **A01**

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DE85900147 **14**-*532,508* PC **A03**/MF **A01**

INER-0502
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DE85900139 **08**-*517,698* PC **A02**/MF **A01**

INER-0510
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DE85900140 **06**-*513,155* PC **A03**/MF **A01**

INER-0514
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DE85900149 **06**-*513,661* PC **A03**/MF **A01**

INER-0515
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INER-0520
Measurements of Boiling Two Phase Flow Pressure Drop in a Horizontal Forced Convective Channel.
DE85900142 **08**-*517,640* PC **A03**/MF **A01**

INER-0521
Experimental Investigation of Water Post-CHF Boiling in Forced Vertical Flow.
DE85900143 **08**-*517,641* PC **A04**/MF **A01**

INER-0522
Data Communication Software Interface Design for MACS/MCZ Microprocessor with PDP-11/80 Mini-Computer.
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Prediction of Incipient Boiling of Low Pressure Water in a Horizontal Forced Convection Channel.
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INER-0524
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CONF-8209261-1
Uranium Utilization Improvement in LWR.
DE85900137 **08**-*517,689* PC **A03**/MF **A01**

INER-0463
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DE85900138 **08**-*517,639* PC **A03**/MF **A01**

INER-0474
Uranium Utilization Improvement in LWR.
DE85900137 **08**-*517,689* PC **A03**/MF **A01**

INER-0479
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DE85900136 **08**-*517,854* PC **A03**/MF **A01**

INER-0480
Graphic Display of Structural Model Using SAP6/7.
DE85900135 **06**-*513,887* PC **A02**/MF **A01**

INER-0484
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DE85900134 **08**-*518,005* PC **A03**/MF **A01**

INER-0494
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INER-0498
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DE85900132 **06**-*514,019* PC **A03**/MF **A01**

INER-0503
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INP-1059/PL
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DE81700457 **20**-*546,620* PC **A02**/MF **A01**

INP-1060/PH
Production of pi exp 0 Mesons in pi exp - D Interactions at 21 GeV/C.
DE81700446 **20**-*546,615* MF **A01**

INP-1065/PL
Measurement System Used for Investigation of Angular Distribution of Fast Neutrons Scattered to Backward Angles.
DE81700461 **20**-*546,623* MF **A01**

INP-1071/PL
High Spin States Excited in the exp 27 Al(Alpha ,p) Reaction.
DE81700462 **20**-*546,624* PC **A03**/MF **A01**

INP-1074/PH
Regge Behaviour of Symmetric Octet Exchange Amplitude for Gluon-Gluon Scattering.
DE81700428 **20**-*544,581* PC **A02**/MF **A01**

INP-1084/PL
Nonrelativistic Gauge Theories.
DE81700397 **20**-*546,591* PC **A02**/MF **A01**

INP-1086/PH
Coherent Production on Nuclei and Measurements of Total Cross Sections for Unstable Particles.
DE81700430 **20**-*546,601* PC **A02**/MF **A01**

INP-1087/PH
Three Gluon Integral Equation and Add C Singlet Regge Singularities in QCD.
DE81700398 **20**-*546,592* PC **A02**/MF **A01**

INP-1119/AP
Thermal Neutron Absorption Cross Section for Small Samples (Experiments in Spherical Geometry).
DE81700449 **20**-*546,183* PC **A02**/MF **A01**

INP-1120/PL
Elastic Scattering of 120, 145 and 172.5 MeV alpha -Particles by exp 12 C, exp 24 Mg and exp 27 Al and Optical Model Analysis.
DE81700463 **20**-*546,625* PC **A03**/MF **A01**

INP-1121/PL
Determination of Nuclear Matter Density Distributions from Elastic Scattering of alpha Particles.
DE81700459 **20**-*546,622* PC **A05**/MF **A01**

INP-1125/AP
Solution of Thermal Neutron Diffusion Equation for the Two-Component System by Perturbation Calculation.
DE81700450 **20**-*546,184* PC **A03**/MF **A01**

INP-1130/B
Static and Dynamic Scintigraphy in Radioisotope Cardiology Diagnostics.
DE84703417 **15**-*533,247* PC **A03**/MF **A01**

INP-1152/B
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DE84703408 **15**-*533,435* PC **A02**/MF **A01**

INP-1161/D
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DE85701883 **25**-*559,489* PC **A04**/MF **A01**

INP-1168-PH
Some Aspects of the Applications of Wire Chambers in High Energy Physics Experiments at Large Accelerators.
DE84703426 **09**-*519,936* PC **A06**/MF **A01**

INP-1169/PL
Radon Concentration and Exhalation Measurements with Semiconductor Detector and Electrostatic Precipitator Working in a Closed Circulation System.
DE84703453 **10**-*522,621* PC **A03**/MF **A01**

INP-1180/PH
Solution of the Thermal Neutron Diffusion Equation for a Two-Region Cyclindrical System Program for ODRA-1305 Computer.
DE84703477 **20**-*546,187* PC **A03**/MF **A01**

INP-1181/AP
Thermal Neutron Absorption Cross-Section for Small Samples (Experiments in Cylindrical Geometry).
DE84703367 **10**-*522,651* PC **A03**/MF **A01**

INP-1199/PL
Study of High Angular Momentum Phenomena in Rotating Nuclei.
DE84703377 **09**-*520,387* PC **A04**/MF **A01**

INP-1200/PL
Fusion and Nonfusion Phenomena in the sup 6 Li + sup 40 Ca Reaction at 156 MeV.
DE84703389 **09**-*520,399* PC **A03**/MF **A01**

INSTITUTE OF NUCLEAR RESEARCH, WARSAW (POLAND).

INP-1063/PH
Drell-Yan Process as a Test of Models for Particle Production on Nuclei.
DE81700458 **20**-*546,621* PC **A02**/MF **A01**

INP-1076/PH
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DE81700429 **20**-*546,600* PC **A02**/MF **A01**

Method and Apparatus for S and exp 35 S Analysis in Steel Labelled by exp 35 S.
INR-1641/20/D/B **20**-*544,995* PC **A02**/MF **A01**

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DOE/ER/60036-T2-V.1
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DE85013323 **21**-*547,859* PC **A06**/MF **A01**

DOE/ER/60036-T2-V.2
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DE85013324 **23**-*554,390* PC **A08**/MF **A01**

DOE/ER/60036-T2-V.3
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DE85013325 **23**-*554,391* PC **A06**/MF **A01**

DOE/ER/60199-1
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DE85003992 **13**-*530,593* PC **A02**/MF **A01**

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PB85-233617 **23**-*552,715* PC **E07**/MF **E07**

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PB85-233625 **23**-*552,331* PC **E09**/MF **E09**

IOM-TM-85/4
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(DOE/ER-60036-VOL-3)
PB85-233633 **23**-*552,332* PC **E07**/MF **E07**

TM/84/1
Communications in Noisy Environments.
(EUR/P-74)
PB85-139475 **06**-*513,981* PC **E09**/MF **E09**

TM/84/4
Further Studies of the Performance of the Vickers M88 Rapid Asbestos Fibre Counter.
PB85-117398 **03**-*506,838* PC **E04**/MF **E04**

TM/84/5
Animal Inhalation Experiments to Investigate the Significance of High and Low Percentage Concentrations of Quartz in Coalmine Dusts in Relation to Epidemiology and Other Biological Tests.
(EUR/P-58)
PB85-139293 **05**-*511,102* PC **E08**/MF **E08**

TM/85/1
Manual Handling: Limits to Lifting.
PB85-229037 **23**-*552,329* PC **E04**/MF **E04**

TM/85/5
Ergonomic Principles in the Design of Underground Free-Steered Vehicles.
PB85-229045 **23**-*552,711* PC **E08**/MF **E08**

TM/85/6
Human Aspects of Computer Based Monitoring and Control of Mining Operations.
PB85-229565 **23**-*552,712* PC **E10**/MF **E10**

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IOS-183
Parameterizing Extreme Still Water Levels and Waves in Design Level Studies.
N85-12542/5 **06**-*513,727* PC **A05**/MF **A01**

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Parameterizing Extreme Still Water Levels and Waves in Design Level Studies.
PB85-118586 **03**-*506,705* PC **E06**/MF **E06**

IOS-184
Introduction to the MIAS Conversion System.
N85-12571/4 **06**-*513,386* PC **A04**/MF **A01**

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Introduction to the MIAS (Marine Information and Advisory Service) Conversion System.
PB85-116796 **04**-*509,138* PC **E05**/MF **E05**

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IOS-Rep-178
Sedimentation Studies Relevant to Low-Level Radioactive Effluent Dispersal in the Irish Sea. Part 3. An Evaluation of Possible Mechanisms for the Incorporation of Radionuclides into Marine Sediments.
DE85780097 **10**-*522,698* PC **A04**/MF **A01**

IOS-179
Field Observations of Wave-Induced Motion Above the Seabed and of the Resulting Sediment Movement.
PB85-116739 **03**-*505,946* PC **E09**/MF **E09**

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CRUISE-157
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PB85-117018 **03**-*505,968* PC **E04**/MF **E04**

CRUISE-158
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CRUISE-159
RRS CHALLENGER Cruise 6/83, 7 April - 8 May 1983. Benthic and Mid-Water Biology of the Porcupine Seabight.
PB85-117000 **03**-*505,932* PC **E04**/MF **E04**

CRUISE-160
RRS DISCOVERY Cruise 135, 30 March - 24 April 1983. Geochemical Sampling in the Northeast Atlantic and the Mediterranean.
PB85-116994 **03**-*506,044* PC **E03**/MF **E03**

CRUISE-161
RRS DISCOVERY Cruise 144, 22 January - 20 February 1984. Geology and Geophysics of an Area East of the Great Meteor Seamount.
PB85-116986 **03**-*505,967* PC **E04**/MF **E04**

CRUISE-162
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PB85-116978 **03**-*505,931* PC **E03**/MF **E03**

CRUISE-163
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PB85-163350 **11**-*524,065* PC **E04**/MF **E04**

CRUISE-164
RRS DISCOVERY, Cruise 147, 26 April-17 May 1984. Biogeochemical Fluxes in the N.E. Atlantic (42 Deg N and 50 Deg N Transects).
PB85-163368 **11**-*524,114* PC **E04**/MF **E04**

CRUISE-165
RRS FREDERICK RUSSELL, Cruise 7/83, 21 April-13 May 1983. Sediment and Faunal Investigations on the Continental Shelf and Upper Continental Slope West and North of Scotland and in the Irish Sea.
PB85-163723 **11**-*524,172* PC **E04**/MF **E04**

CRUISE-166
RRS DISCOVERY, Cruise 145, 25 February-24 March 1984. The Structure of the Upper Ocean at the End of Winter in the Region 40-47 Deg N, 13-16 Deg W.
PB85-163731 **11**-*524,173* PC **E04**/MF **E04**

CRUISE-169
Geochemical Sampling in the North Atlantic, June 15-July 10, 1984.
PB85-183176 **16**-*535,953* PC **E03**/MF **E03**

CRUISE-170
RRS DISCOVERY Cruise 152, 4-15 October 1984. Equipment Trials, Including Measurements of the Hydrodynamic Performancee of TOBI (Towed Bottom Instrument).
PB85-228781 **22**-*550,079* PC **E03**/MF **E03**

IOS/CRUISE-149
Geochemical Sampling in the North Atlantic, June 15-July 10, 1984.
PB85-183176 **16**-*535,953* PC **E03**/MF **E03**

IOS/CRUISE-167
RRS CHALLENGER Cruise 6/84, August 31-September 1984, Mooring Recovery in Faeroe-Shetland Channel and Mooring Deployment and Associated Work on Porcupine Slope.
PB85-183168 **16**-*535,952* PC **E03**/MF **E03**

IOS-Rep-158
Preliminary Studies of the Total Cation Exchange Capacity of Sediments from Two North Atlantic Study Sites.
DE84703521 **10**-*521,893* PC **A03**/MF **A01**

IOS-Rep-165
CTD Data from the N.E. Atlantic 31 Deg N - 46 Deg N, July 1982 Discovery Cruise 130.
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DE85781198 **24**-*555,366* PC **A03**/MF **A01**

IOS-Rep-181
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IOS-Rep-182
Use of in Situ Photography in Studies of the Deep-Sea Benthos at I.O.S. (Institute of Ocenaographic Sciences, Wormley, England)
DE85781200 **24**-*555,368* PC **A03**/MF **A01**

IOS-Rep-185
Assessment of Biological Processes Close to the Sea Bed in a Slope Region and Its Significance to the Assessment of Sea Bed Disposal of Radioactive Waste.
DE85781084 **25**-*559,171* PC **A06**/MF **A01**

IOS-164
Return Wave Heights off South Uist Estimated from Seven Years of Data.
N85-10601/1 **03**-*505,945* PC **A04**/MF **A01**

IOS-172
Measurements of Sediment Temperatures, Conductivity and Heat Flow in the North Atlantic and Their Relevance to Radioactive Waste Disposal.
PB85-164184 **09**-*520,039* PC **E06**/MF **E06**

IOS-176
Nutsatsea: An on Line Data Reduction Program Linking a Chemlab Continuous Flow Analyser to a Commodore Pet Microcomputer
N85-12570/6 **06**-*513,922* PC **A03**/MF **A01**

IOS-176
NUTSATSEA: An On Line Data Reduction Program Linking a Chemlab Continuous Flow Analyser to a Commodore PET Microcomputer.
PB85-116960 **03**-*506,834* PC **E04**/MF **E04**

IOS-177
Manual of Methods for the Continuous Flow Determination of Ammonia, Nitrate-Nitrite, Phosphate and Silicate in Seawater.
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PB85-163715 **11**-*525,171* PC **E07**/MF **E07**

IOS-186
Assessment of Wave Power Available at Key United Kingdom Sites: A Description of Work Undertaken in the Department of Energy's Wave Energy Programme.
PB85-164143 **11**-*524,392* PC **E07**/MF **E07**

IOS-187
Surface Currents of the Indian Ocean (To 25 Deg S, 100 Deg E).
N85-19593/1 **13**-*529,027* PC **A05**

IOS-189
Structure and Evolution of the South West Approaches and Grand Banks Continental Margins.
PB85-228799 **22**-*550,100* PC **E04**/MF **E04**

IOS-190
Worldwide Distribution of the Seasonal Cycle of Mean Sea Level.
PB85-182160 **15**-*533,674* PC **E06**/MF **E06**

IOS-203
Observations of the Changes of Inter-Tidal Bedforms Over a Neap-Spring Tidal Cycle.
PB85-228773 **22**-*550,129* PC **E06**/MF **E06**

IOS-204
Status Report on Research at the Institute of Oceanographic Sciences Related to the Possible Disposal of Radioactive Waste on or Beneath the Seafloor, April 1979-March 1984.
PB85-228179 **22**-*550,063* PC **E14**/MF **E14**

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INT-163/I
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DE84703407 **15**-*533,675* PC **A02**/MF **A01**

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Mental Health Practices in Primary Care Settings. An Annotated Bibliography, 1977-1984.
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PB85-162444 **11**-*523,741* PC **A19**/MF **A01**

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(DOT-I-81-19)
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INSTITUTE OF SPACE AND ASTRONAUTICAL SCIENCE, TOKYO (JAPAN).

REPT-613.
Experimental Study of Spray Thruster.
N85-21578/8 **14**-*532,860* PC **A04**/MF **A01**

REPT-615.
Drag-Free Satellite Simulator.
N85-21229/8 **14**-*532,877* PC **A02**/MF **A01**

REPT-616.
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N85-21255/3 **14**-*532,885* PC **A03**/MF **A01**

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Some Comments on Using Capacitive Transducers for High Q Mechanical Oscillators.
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ISBN-951-753-318-7
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INSTITUTE OF TROPICAL FORESTRY, RIO PIEDRAS, PR.

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ESA-CR(P)-1903
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N84-33656/9 **01**-*501,376* PC **A13**/MF **A01**

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INSTITUTO DE ENERGIA ATOMICA, SAO PAULO (BRAZIL).

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Kinetics of Multi-Compartmentalized Systems, Studied by Radioactive Tracers.
DE81700496 **20**-*544,863* PC **A04**/MF **A01**

IEA-DT-060
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DE81700534 **20**-*546,322* PC **A05**/MF **A01**

IEA-DT-075
Comparative Study of Destructive and Non-Destructive Methods in the Activation Analysis of Rocks.
DE81700467 **20**-*545,131* PC **A06**/MF **A01**

IEA-DT-097
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DE81700958 **24**-*555,347* PC **A03**/MF **A01**

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DE85780398 **17**-*538,270* PC **A02**/MF **A01**

CONF-8307107-5
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DE85780391 **17**-*538,265* PC **A03**/MF **A01**

INIS-BR-204
Cumulative Creep Damage and Its Control in the Stainless Steel AISI 304.
DE85780391 **17**-*538,265* PC **A03**/MF **A01**

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INIS-BR-271
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IFT-M-01/82
Differential Formalism Aspects of the Gauge Classical Theories.
DE85700475 **16**-*536,898* PC **A06**/MF **A01**

IFT-P-01/83
Zeroes of Infinite Series.
DE85701116 **22**-*550,525* PC **A02**/MF **A01**

IFT-P-01/84
Relativistic Quark Model.
DE85701009 **22**-*551,581* PC **A02**/MF **A01**

IFT-P-02/84
Determination of Resonance Energies and Widths for Short-Range Potentials.
DE85700971 **22**-*551,712* PC **A03**/MF **A01**

IFT-P-03/83
Compactification of Friedmann's Hyperbolic Model.
DE85701000 **22**-*549,380* PC **A02**/MF **A01**

IFT-P-04/84
Behaviour of the Gravitational Field around the Initial Singularity.
DE85700979 **22**-*551,720* PC **A03**/MF **A01**

IFT-P-05/84
Lattice Supersymmetry for N = 4 Yang-Mills Model.
DE85701695 **25**-*559,726* PC **A02**/MF **A01**

IFT-P-06/83
Magnetic Transition in the Jellium Model.
DE85700967 **22**-*551,783* PC **A02**/MF **A01**

IFT-P-07/83
New Algebraic Tables of SU(2) Quantities.
DE85701117 **22**-*551,726* PC **A02**/MF **A01**

IFT-P-08/83
Quantization in a Spherical Geometry.
DE85700972 **22**-*551,713* PC **A03**/MF **A01**

IFT-P-08/84
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IFT-P-09/84
2-D N = 1 and 4-D N = 2 Yang-Mills SUSY Models on the Lattice.
DE85701696 **25**-*559,728* PC **A03**/MF **A01**

IFT-P-10/83
P And T Violations in QED.
DE85700984 **22**-*551,725* PC **A03**/MF **A01**

IFT-P-11/83
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DE85700973 **22**-*551,714* PC **A03**/MF **A01**

IFT-P-11/84
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DE85701709 **25**-*559,806* PC **A02**/MF **A01**

IFT-P-16/80
Dirac Groups of Rank N.
DE81700394 **20**-*546,905* PC **A03**/MF **A01**

IFT-T-02/80
Confined Double Harmonic Oscillator.
DE81700395 **20**-*546,906* PC **A05**/MF **A01**

IFT-T-06/80
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DE81700403 **20**-*546,974* PC **A07**/MF **A01**

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Study of the Variations of the Microhardness and Electrical Resistivity in Nuclear Materials.
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INIS-BR-153
Determination of Rare Earths and Traces of Other Elements by Neutron Activation Analysis.
DE85780844 **17**-*537,693* PC **A03**/MF **A01**

INIS-BR-197
Application of the Activation Analysis Using the Method of Retarded Fission Neutrons Counting for the Determination of Some Fissionable Nuclides.
DE85780381 **17**-*538,882* PC **A07**/MF **A01**

INIS-BR-249
Thermal-Hydraulic and Neutronic Analysis of Pressurized Water Reactor Cores.
DE85781418 **25**-*559,284* PC **A06**/MF **A01**

INIS-BR-261
Operation of a Semi-Industrial Plant for the Production of UO sub 3.
DE85781473 **25**-*559,332* PC **A07**/MF **A01**

INIS-BR-264
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DE85781474 **25**-*559,333* PC **A10**/MF **A01**

INIS-BR-266
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DE85781472 **25**-*557,772* PC **A09**/MF **A01**

IPEN-Inf-12
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DE85700585 **19**-*544,312* PC **A04**/MF **A01**

IPEN-Inf-13
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DE84703431 **10**-*522,881* PC **A02**/MF **A01**

IPEN-Inf-14
Production of sup 99 Tc Generators with Automatic Elution.
DE85780447 **15**-*534,543* PC **A02**/MF **A01**

IPEN-Inf-16
Neutron Radiography on the Research Reactor IEA-R1.
DE85701988 **26**-*561,655* PC **A02**/MF **A01**

IPEN-Inf-17
Modification in the CITATION Computer Code: Change of Microscopic Cross Section by Zone.
DE85702041 **25**-*559,344* PC **A02**/MF **A01**

IPEN-Pub-50
Finite Element Response Matrix Method.
DE84703432 **10**-*522,882* PC **A02**/MF **A01**

IPEN-Pub-51
Fuel Behavior Modeling Using the MARS Computer Code.
DE84703447 **10**-*522,755* PC **A02**/MF **A01**

IPEN-Pub-54
Preparation of Carrier-Free sup 67 Ga, by Irradiation of Natural Zinc with Protons.
DE85700586 **19**-*542,729* PC **A02**/MF **A01**

IPEN-Pub-55
Study on Breeding Performance of Carbide Fueled Commercial Liquid Metal Cooled Fast Breeder Reactor.
DE85780455 **17**-*539,119* PC **A03**/MF **A01**

IPEN-Pub-56
Determination of Mercury in PPB Level by Activation Analysis and Chemical Separation.
DE85700579 **19**-*542,803* PC **A02**/MF **A01**

IPEN-Pub-57
Spectrographic Determination of Trace Amounts of Some Elements in Metallic Aluminium.
DE85700580 **19**-*542,804* PC **A02**/MF **A01**

IPEN-Pub-58
Preparation of Glucoheptonate - Sup(99M) Tc Using Stannous Ascorbate as Reducing Agent for TcO exp -4 Ion.
DE85780196 **10**-*521,503* PC **A02**/MF **A01**

IPEN-Pub-59
Spectrographic Determination of Niobium in Uranium - Niobium Alloys.
DE85780195 **10**-*522,126* PC **A02**/MF **A01**

IPEN-Pub-60
Spectrographic Analysis of Stainless Steels.
DE85701940 **26**-*560,940* PC **A02**/MF **A01**

IPEN-Pub-61
Spectrographic Determination of Dysprosium in Doped Crystals of Calcium Sulfate Used for Dosimetric Material.
DE85781552 **25**-*558,007* PC **A02**/MF **A01**

IPEN-Pub-62
Preparation of sup 99 Sup(M)Tc Labeled Fibrinogen.
DE85781471 **25**-*558,963* PC **A02**/MF **A01**

IPEN-Pub-63
Molecular Dynamics of TBP and DBP Studied by Neutron Transmission.
DE85781468 **25**-*558,002* PC **A02**/MF **A01**

IPEN-Pub-64
Synergistic Effect in the Solvent Extraction of Some Trivalent Lanthanides. 1. Behaviour of the Elements La and Yb in the HTTA-TBP, HTTA-HDEHP, HDEHP-TBP Systems.
DE85781069 **25**-*557,997* PC **A02**/MF **A01**

INSTITUTO DE PESQUISAS ENERGETICAS E NUCLEARES, SAO PAULO (BRAZIL). CENTRO DE ENGENHARIA QUIMICA.

CONF-8210322-1
Fission Products Control by Gamma Spectrometry in Simulated Purex Process Solutions.
DE85780496 **17**-*539,201* PC **A03**/MF **A01**

INIS-BR-171
Preparation of Thorium Oxide Microspheres by Internal Gelation Process.
DE85780589 **17**-*539,129* PC **A02**/MF **A01**

INIS-BR-172
Fission Products Control by Gamma Spectrometry in Simulated Purex Process Solutions.
DE85780496 **17**-*539,201* PC **A03**/MF **A01**

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CONF-8309302-2
Effect of the Hydrogen Content and Cooling Velocity in the Hydrides Precipitation in alpha -Zirconium.
DE85780792 **17**-*538,275* PC **A02**/MF **A01**

INIS-BR-211
Effect of the Hydrogen Content and Cooling Velocity in the Hydrides Precipitation in alpha -Zirconium.
DE85780792 **17**-*538,275* PC **A02**/MF **A01**

INSTITUTO DE PESQUISAS ESPACIAIS, SAO JOSE DOS CAMPOS (BRAZIL).

E85-10005
Estudo Preliminar Sobre a Viabilidade de Deteccao de Macrofitas Flutuantes Atraves de Processamento Digital de Dados do MSS/LANDSAT (A Preliminary Study of the Feasibility of Detecting the Floating Macrophytes by Means of Digital Processing of MSS/LANDSAT Data).
(NASA-CR-174031)
N85-11418/9 **04**-*508,446* PC **A02**/MF **A01**

E85-10007
Uma Hipotese Sobre a Origem dos Lineamentos das Imagens LANDSAT e SLAR Now Terrenos Pre-Cam-

brianos do Baixo Vale do Rio de Contas (Sul da Bahia) (Hypothesis on the Origin of Lineaments in the LANDSAT and SLAR Images of Precambrian Soil in the Low Contas River Valley (Southern Bahia)).
(NASA-CR-168559)
N85-11420/5 **04**-*508,936* PC **A03**/MF **A01**

E85-10008
Sistematica de Interpretacao de Dados de Sensoriamento Remoto na Recepcao de Hidrocarbonetos. Volume 1 (Systematic Data Interpretation of Remote Sensing in the Reception of Hydrocarbons, Volume 1).
(NASA-CR-168560)
N85-11421/3 **04**-*509,005* PC **A09**/MF **A01**

E85-10009
Utilizacao de Imagens Orbitais LANDSAT para Levantamento de Solos No Estado do Rio Grande do Norte (Utilization of LANDSAT Orbital Imagery in the Soil Survey Processes at Rio Grande do Norte State).
(NASA-CR-168566)
N85-11422/1 **04**-*508,913* PC **A03**/MF **A01**

E85-10010
Sensoriamento Remoto como Tecnica de Prospeccao Mineral (Remote Sensing as a Mineral Prospecting Technique).
(NASA-CR-168567)
N85-11423/9 **04**-*509,006* PC **A02**/MF **A01**

E85-10011
Relatorio Executivo: Resultados do Projeto Experimental IRGA-CNPQ/INPE (Executive Report: Results of the IRGA-CNPQ/INPE Experimental Project).
(NASA-CR-168568)
N85-11424/7 **04**-*507,979* PC **A04**/MF **A01**

E85-10012
Sensores Remotos em Levantamentos Florestais (Remote Sensing Applied to Forest Resources).
(NASA-CR-168569)
N85-11425/4 **04**-*507,996* PC **A03**/MF **A01**

E85-10013
Relatorio do Curso de Treinamento de Fortaleza (Ceara) (A Report on the Training Course at Fortaleza (Ceara)).
(NASA-CR-168570)
N85-11426/2 **04**-*508,361* PC **A03**/MF **A01**

E85-10014
Sistema para Gerenciamento do Atendimento de Pedidos a um Banco de Imagens (A System for the Management of Requests at an Image Data Bank).
(NASA-CR-168571)
N85-11427/0 **04**-*509,116* PC **A08**/MF **A01**

E85-10015
Recursos Hidricos por Sensoriamento Remoto Orbital: Exemplos de Aplicacoes (Water Resources by Orbital Remote Sensing: Examples of Applications).
(NASA-CR-168572)
N85-11428/8 **04**-*508,945* PC **A03**/MF **A01**

E85-10016
Principios Basicos, Metodologias e Aplicacoes de Sensoriamento Remoto na Agricultura (Basic Principles, Methodology, and Applications of Remote Sensing in Agriculture).
(NASA-CR-168573)
N85-11429/6 **04**-*507,980* PC **A04**/MF **A01**

E85-10017
Mapeamento da Alteracao do Uso do Solo na Regiao Carbonifera de Santa Catarina - Relatorio 2 (Mapping Land Use Changes in the Carboniferous Region of Santa Catarina, Report 2).
(NASA-CR-168574)
N85-11430/4 **04**-*508,893* PC **A03**/MF **A01**

E85-10018
Desenvolvimento e Teste de um Sistema de Fiscalizacao das Operacoes de Credito Agricola AO Nivel de Municipio E de Propriedades Agricolas Utilizando Tecnicas de Sensoriamento Remoto (Development and Testing of a Rural Credit Supervision System at the Level of Counties and Rural Properties Utilizing Remote Sensing Techniques).
(NASA-CR-168575)
N85-11431/2 **04**-*508,894* PC **A06**/MF **A01**

E85-10027
Mapeamento Tematico de Areas-Alvos Favoraveis a Ocorrencia de Cassiterita No Macico Granitico da Serra do Mocambo (Go), a Partir de Imagens Digitais do LANDSAT-2 (Thematic Mapping of Likely Target Areas for the Occurence of Cassiterite in the Serra Do Mocambo (Go) Granitic Massifs Using LANDSAT 2 Digital Imaging).
(NASA-CR-174050)
N85-11440/3 **04**-*509,007* PC **A02**/MF **A01**

E85-10033
Avaliacao de Tecnicas de Tratamento for Computador de Dados Digitais Mss-Landsat NA Discriminacao Litologica NA Serra Do Ramalho, Estado DA Bahia (Assessment of Computer Techniques for Processing Digital Landsat MSS Data for Lithological Discrimination of Serra Do Ramalho, State of Bahia).
(NASA-CR-174124)
N85-12412/1 **05**-*511,382* PC **A03**/MF **A01**

E85-10035
Especificacao e Projeto Preliminar do Sistema Carta para Cartografia por Satelite (Specification and Preliminary Design of the Carta System for Satellite Cartography).
(NASA-CR-174126)
N85-12414/7 **05**-*511,354* PC **A04**/MF **A01**

E85-10036
Avaliacao de Criterios de Selecao de Atributos Espectrais de Imagens Digitais MSS-LANDSAT, Em Discriminacoes Litologicas no Baixo Vale do Rio Curaca, Bahia (Evaluation of Criteria for Selecting the Spectral Attributes of Digital LANDSAT MSS Imagery for Discriminating Lithological Units in the Lower Curaca River Valley, Bahia).
(NASA-CR-174127)
N85-12415/4 **05**-*511,383* PC **A03**/MF **A01**

E85-10045
Experiencias com Processamento Digital de Imagens no INPE (Instituto de Pesquisas Espaciais) (Experiences with Digital Processing of Images at INPE (Instituto de Pesquisas Espaciais)).
(NASA-CR-174189)
N85-15247/8 **10**-*521,963* PC **A02**/MF **A01**

E85-10052
Analise Integrada dos Produtos de Sensoriamento Remoto em Levantamentos Geologicos Basicos (Integrated Analysis of Remote Sensing Products from Basic Geological Surveys).
(NASA-CR-174188)
N85-16248/5 **10**-*521,840* PC **A02**/MF **A01**

E85-10079
Brazilian Remote Sensing Receiving, Recording and Processing Ground Systems in the 1980'S.
(NASA-CR-174406)
N85-19493/4 **13**-*529,199* PC **A02**/MF **A01**

E85-10097
CNPQ/INPE (Conselho Nacional de Pesquisas/Instituto de Pesquisas Espaciais) Landsat System: Report of Activities from October 1, 1983 to September 30, 1984.
(NASA-CR-175612)
N85-27318 **19**-*543,041* PC **A03**/MF **A01**

E85-10098
Noise Correction on Landsat Images Using a Spline-Like Algorithm.
(NASA-CR-175613)
N85-27319 **19**-*543,042* PC **A02**/MF **A01**

E85-10101
Estudo da Evolucao Urbana de Brasilia Atraves do Uso de Dados Landsat (Study of the Urban Evolution of Brasilia with the Use of Landsat Data).
(NASA-CR-175830)
N85-27321 **19**-*543,492* PC **A03**/MF **A01**

INEP-3525-PRE/746
Spillover Minimization: An Approach for Actuators and Sensors Placement in Distributed Parameter Study.
N85-30289/1 **22**-*551,868* PC **A02**/MF **A01**

INPE-2260
Simulation of Equatorial Plasma Bubble Signatures on the OI 6300A Nightglow Meridional Profile over Brazilian Low Latitude.
DE84702565 **01**-*500,166* PC **A03**/MF **A01**

INPE-2567
Incoming Solar Radiation Estimates at Terrestrial Surface Using Meteorological Satellite.
DE85700514 **16**-*535,385* PC **A02**/MF **A01**

INPE-2617
Microwave and X-Ray Emission During a Isentropic Expansion and Its Application to Solar Bursts.
DE85761042 **25**-*557,285* PC **A09**/MF **A01**

INPE-2672
Sub-Second Pulsations Simultaneously Observed at Microwaves and Hard X-Rays in a Solar Burst.
DE85700515 **16**-*535,373* PC **A02**/MF **A01**

INPE-2743
Oscillator Phenomena in the Solar Atmosphere and Radiation Modulation in Microwaves.
DE85781043 **25**-*557,286* PC **A05**/MF **A01**

INPE-2767-PRE/340
Controle Otimo Do Tempo de Espera Numa Fila M/G/1 (Optimal Control of Waiting Time in a M/G/1 Queue).
N85-11671/3 **04**-*509,539* PC **A02**/MF **A01**

INPE-2770-PRE/343
Um Modelo Estcastico Para Otimizacao Do Consumo E Exploracao de Um Recurso Natural Nao-Renovavel (A Stochastic Model for Optimizing the Consumption and Exploration of Nonrenewable Natural Resources).
N85-12804/9 **06**-*512,823* PC **A02**/MF **A01**

INPE-2781-PRE/347
Desenvolvimento DA Linguagem LANAC/II Para Programacao Concorrente (Development of LANAC/II Language for Concurrent Programming).
N84-34180/9 **01**-*501,331* PC **A02**/MF **A01**

INPE-2783-PRE/349
Descricao Do Suporte Logico de Um Sistema de Processamento de Imagens (Description of the Logical Support for an Image Processing System).
N85-11563/2 **04**-*509,121* PC **A02**/MF **A01**

INPE-2786-PRE/352
Dificuldades Para Planejar Ciencia E Tecnologia (Difficulties of Scientific and Technological Planning).
N84-34308/6 **01**-*500,511* PC **A02**/MF **A01**

INPE-2791-PRE/354
Medidad de Qualidade de Estimadores de Proporcoes de Classes Dentro de Um Pixel de Imagens de Satelite (Quality Measures for Estimating the Proportions of Different Classes within a Single Image Resolution Element (Pixel)).
N84-33652/4 **01**-*501,326* PC **A03**/MF **A01**

INPE-2798-PRE/359
Processamento Analogico de Voz Para Transmissao FM de Um Canal Telefonico (Analog Voice Processing for FM Transmission in a Telephone Channel).
N85-12279/4 **06**-*513,977* PC **A02**/MF **A01**

INPE-2803
Project of an Ion Thruster.
DE85781177 **25**-*559,851* PC **A02**/MF **A01**

INPE-2810
Behavior of the Ionosphere Total Electronic Content in Sao Jose DOS Campos During Magnetic Storms in 1980.
DE85781092 **24**-*554,673* PC **A02**/MF **A01**

INPE-2811
Pb /sub 1-X/ SN /sub X/ Te Monocrystal Growth by Vapor Phase Transport, with Formation of a Liquid/Solid Growth Interphase.
DE85701711 **25**-*559,394* PC **A02**/MF **A01**

INPE-2814-PRE/370
Analise de Tolerancias de Uma Linha Em Microstrip Pelo Metodo Monte-Carlo (Analysis of Microstrip Line Tolerance Using the Monte-Carlo Method).
N84-33705/4 **01**-*501,269* PC **A02**/MF **A01**

INPE-2815-PRE/371
Sintetizador/Modulador FM de 1200 Canais Para Transmissao Scpc de Sinais de Voz Por Satelite (FM Synthesizer-Modulator with 1200 Channels for SCPC Transmission of Voice Signals by Satellite).
N84-33638/7 **01**-*502,086* PC **A02**/MF **A01**

INPE-2850-PRE/391
Determinacao DA Atenuacao de Microondas Pela Influencia DOS Gases Atmosfericos, Atraves de Tecnica Radiometrica (Determination of Microwave Attenuation Due to the Influence of Atmospheric Gases Using the Radiometric Technique).
N84-33637/9 **01**-*502,647* PC **A02**/MF **A01**

INPE-2852-PRE/392
Areas Irrigadas: Monitoramento Por Sensoriamento Remoto (Irrigated Lands: Monitoring by Remote Sensing).
(NASA-CR-173945)
N84-33854/0 **01**-*500,080* PC **A02**/MF **A01**

INPE-2854-PRE/394
Telemetria Por Satelite (Satellite Telemetry).
N84-33444/0 **01**-*501,389* PC **A02**/MF **A01**

INPE-2856-PRE/395
Analise Quimica de Ions Em Aguas de Chuva de Regioes Naturais: Correlacoes COM Aerossois Atmosfericos (Chemical Analysis of Ions in Rain Water in Natural Regions: Correlations with Aerosols in the Atmosphere).
N84-34052/0 **01**-*501,074* PC **A03**/MF **A01**

INPE-2857-PRE/396
Analise Quimica Preliminar das Aguas de Chuva de Cubatao - Impactos Abientais (Preliminary Chemical Analysis of Rain Water in Cubatao: Ambient Effects).
N84-34053/8 **01**-*501,075* PC **A02**/MF **A01**

INPE-2869-RPE/441
Inventario de Floresta Plantada Atraves de Amostragem Em Multiplo Estagio COM Probabilidade Proporcional a Grandeza (Forestry Inventory Based on Multistage Sampling with Probability Proportional to Size).
N84-33855/7 **01**-*500,097* PC **A03**/MF **A01**

INPE-2874-NTE/204
Projeto Mapeamento DA Alteracao Do USO Do Solo DA Regiao Carbonifera de Santa Catarine - Relatorio Preliminar (Mapping Project on Land Use Changes in the Carboniferous Region of Santa Catarina).
(NASA-CR-173946)
N84-33853/2 **01**-*501,152* PC **A02**/MF **A01**

INPE-2879-PRE/404
O USO de Satelites Meteorologicos Em Hidrologia (On the Use of Meteorologic Satellites in Hydrology).
N84-33851/6 **01**-*501,180* PC **A02**/MF **A01**

INPE-2886-NTE/206
Catalogo das Publicacoes Periodicas Existentes No Inpe - Vol. Vii (Catalog of Existing Published Periodicals of INPE, Volume 7).
N84-34320/1 **01**-*500,273* PC **A07**/MF **A01**

INPE-2888-PRE/408
Introducao a Linguagem Pascal (Introduction to Pascal Language).
N84-34182/5 **01**-*501,333* PC **A03**/MF **A01**

INPE-2907
Observations of Galactic Center for Annihilation Line at 0.511 MeV.
DE85781044 **25**-*557,287* PC **A02**/MF **A01**

INPE-2971-NTE/209
Salarios NA Carreira de Pesquisa (Research Salaries).
N84-34307/8 **01**-*500,255* PC **A03**/MF **A01**

INPE-2972-RPE/449
Primeira Tentativa de Identificacao de Areas Favoraveis a Ocorrencia de Bonito-Listrado (Katsuwonus Pelamis), Atraves DA Analise de Dados Oceanograficos NA Regiao Sudeste-Sul Do Brasil (A First Attempt to Identify Areas of High Probability for the Occurrence of Surface Skipjack Schools (Katsuwonus Pelamis), from an Analysis of Oceanographic Data for the South-Southeast Region of Brazil).
N84-34112/2 **01**-*500,590* PC **A05**/MF **A01**

INPE-2974-PRE/437
Barreira Do Inferno: 5 Anos de Pesquisa COM Ozonio (Barreira Do Inferno: Five Years of Ozone Research).
N84-34073/6 **01**-*500,188* PC **A02**/MF **A01**

INPE-2982-RPE/451
Unidade de Armazenamento Emdisco Flexivel (Flexible Disk Data Storage Unit).
N84-34181/7 **01**-*501,332* PC **A04**/MF **A01**

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INPE-3046-TDL/158
Criterios Para Otimizacao Do Fluxo de Processamento Em Um Modelo de Computador Incremental COM Recursos de Multiprocessamento (Criteria for the Optimization of Processing Flow in a Model of an Incremental Computer with Multiprocessing Resources).
N85-11560/8 04-*509,118* PC **A06**/MF **A01**

INPE-3055-PRE/475
Filtros Rejeita-Faixa COM Ressoador Dielectrico Em Microfita (Microwave Bandstop Filters as Dielectric Resonators).
N84-33706/2 01-*501,377* PC **A02**/MF **A01**

INPE-3057-PRE/477
Pascal-Mp: Uma Linguagem Para Manipulacao Algebrica E Numerica de Polinomios (PASCAL-MP: A Language for the Algebraic and Numerical Manipulation of Polynomials).
N84-34183/3 01-*501,334* PC **A02**/MF **A01**

INPE-3061-PRE/479
Utilizacao de Interpolacao E Transformacao Para Compressao de Imagens Digitais (Utilization of Interpolation and Transformation for the Compression of Digital Image Data).
N85-11566/5 04-*509,124* PC **A03**/MF **A01**

INPE-3066
Impurity States in Two-and Three-Dimensional Disordered Systems.
DE85701714 25-*559,807* PC **A02**/MF **A01**

INPE-3069-PRE/486
Controles Microprogramados Simples - Uma Alternativa Atraente (Simple Microprogrammed Controllers: An Alternate Approach).
N84-34171/8 01-*501,329* PC **A02**/MF **A01**

INPE-3079-PRE/492
Contribution to the Radiogeology of Sao Roque, SP, Granites.
N85-12503/7 06-*513,354* PC **A02**/MF **A01**

INPE-3081
2-D Impurity States Associated with Inversion Layers.
DE85701715 25-*559,808* PC **A02**/MF **A01**

INPE-3085-PRE/494
Um Sistema Para Monitoracao Do Radonio E Seus Produtos de Decaimento NA Atmosfera (A System for Monitoring Radon and Its Decay Products in the Atmosphere).
N85-12502/9 06-*514,020* PC **A02**/MF **A01**

INPE-3109-PRE/508
Previsao de Secas No Nordeste Pelo Metodo das Periodicidades: Uso E Abusos (Forecast of the Northeastern Drought by the Method of Periodicities: Use and Abuses).
N85-11502/0 04-*508,089* PC **A02**/MF **A01**

INPE-3127-PRE/518
Filtros Direcionais Em Microfita (Microstrip Directional Filters).
N85-11293/6 04-*509,185* PC **A02**/MF **A01**

INPE-3129-PRE/520-PT-1
Um Estudo das Funcoes de Similaridade DA Camada Limite Planetaria. Parte 1: Teoria (Study of the Functions of Similarity of the Planetary Boundary Layer. Part 1: Theory).
N85-27428/0 19-*542,260* PC **A03**/MF **A01**

INPE-3130-PRE/521-V-2
Um Estudo das Funcoes de Similaridade DA Camada Limite Planetaria. Parte 2: Resultados (Study of the Functions of Similarity of the Planetary Boundary Layer. Part 2: Results).
N85-27429/8 19-*542,261* PC **A03**/MF **A01**

INPE-3131-PRE/522
Politica Otima Para Um Sistema de Manutencao COM Controle Sobre a Distribuicao Do Tempo de Reparo (Optimum Policy for a System of Maintenance with Control by a Repair Time Distribution).
N84-34313/6 01-*501,678* PC **A02**/MF **A01**

INPE-3132-PRE/523
Problema de Determinacao de Politica Otima Para Sistemas de Manutencao COM Maquinas de Reserva E Numero Variavel de Servidores (Problem of Determining the Optimum Policy for Maintaining Systems with Spare Machines and a Number of Variable Servers).
N84-34312/8 01-*501,677* PC **A02**/MF **A01**

INPE-3133-PRE/524
Heuristica Para O Problema de Distribuicao de Cargas Pereciveis (Heuristic Method for the Problem of the Distribution of Perishable Cargos).
N84-34309/4 01-*500,256* PC **A02**/MF **A01**

INPE-3134-PRE/525
Desempenho, No Pior Caso, de Algumas Heuristicas Para Problemas de Tamanho de Lote (Worst Case Performance of Some Heuristics for Lot Size Problems).
N84-34205/4 01-*501,675* PC **A02**/MF **A01**

INPE-3135-PRE/526
Procaoc: Um Programa Para Calculo, Analise E Optimizacao de Circuitos Em Microondas (Procaoc: A Program for Computation, Analysis and Optimization of Circuits).
N84-34184/1 01-*501,380* PC **A02**/MF **A01**

INPE-3137-NTE/219
O Programa Nacional de Plataformas de Coleta de Dados: Informacoes Tecnicas Aos Usuarios (A National Program for Data Collection Platforms: Information Techniques for Users).
N84-34456/3 02-*503,825* PC **A03**/MF **A01**

INPE-3140-TDL/166
Simulacao de Um Sistema de Suprimento de Energia de Um Satelite (A Simulation of a Satellite Power Supply System).
N84-33446/5 01-*501,450* PC **A07**/MF **A01**

INPE-3146-RPE/456
Tracado Automatico de Carta Sinotica (Automatic Drawing of Synoptic Charts).
N84-34094/2 01-*500,229* PC **A02**/MF **A01**

INPE-3147-PRE/531
Sistemas de Planejamento Hierarquico Aplicado a Producao: Um Estudo (Hierarchical Planning Systems Applied to Production: A Study).
N84-34314/4 01-*500,257* PC **A04**/MF **A01**

INPE-3148-NTE/220
Sistema de Comutacao (Decommutation System).
N84-33639/5 01-*502,087* PC **A02**/MF **A01**

INPE-3152-TDL/169
Projeto de Dispositivos Ativos E Passivos Em Microondas COM Auxilio de Computador (Project Active and Passive Microwave Devices with Auxiliary Computer).
N84-34185/8 01-*501,391* PC **A07**/MF **A01**

INPE-3158-TDL/170
Teoria Do Laser de Eletrons Livres (The Theory of Free Electron Lasers).
N84-33790/6 01-*502,396* PC **A08**/MF **A01**

INPE-3159-PRE/533
Experiencia Do Inpe No USO de Sensoriamento Remoto Para Estudos de Planejamento Urbano (Experience of the Institute of Space Research with the Use of Remote Sensing in Urban Planning Studies).
N85-27770/5 19-*543,494* PC **A02**/MF **A01**

INPE-3161-NTE/221
Visita Cientifica AO Instituto de Estudos Polares Do Japao (A Scientific Visit to the Institute of Polar Study of Japan).
N84-34097/5 01-*500,231* PC **A03**/MF **A01**

INPE-3163-RPE/458
Satelite Artificial-Movimento Orbital (Artificial Satellites, Orbital Motion).
N84-33445/7 01-*502,776* PC **A06**/MF **A01**

INPE-3165-TDL/171
Desenvolvimento de Um Sistema Automatico de Tratamento de Dados Magnetoteluricos (Development of an Automatic System for the Treatment of Magnetotelluric Data).
N84-34075/1 01-*501,979* PC **A08**/MF **A01**

INPE-3166-PRE/536
Equivalencia Entre Problemas de Maximizacao Sujeitos a Restricoes de Desigualdade (Equivalence Between Maximization Problems Subjected to Inequality Constraints).
N84-34206/2 01-*501,657* PC **A02**/MF **A01**

INPE-3169-PRE/539
Introducao a Geofisica DA Atmosfera (Introduction to Atmospheric Geophysics).
N84-34079/3 01-*500,190* PC **A02**/MF **A01**

INPE-3173-PRE/543
Oscilador de Microondas Controlado Por Tensao E Estabilizado for Cavidade Ressonante Em 1250 Mhz (A Microwave Oscillator Controlled by Pressure and Stabilized by a 1250 Mhz Cavity Resonator).
N84-33712/0 01-*501,270* PC **A02**/MF **A01**

INPE-3174-RPE/459
Objetivos, Atividades E Necessidades DOS Laboratorios de Simulacao Digital, de Simulacao Fisica de Sistemas de Controle de Atitude E de Orbita E de Controle Termico Do Departamento de Mecanica Esapacial E Controle (Objectives, Activities and Needs of the Digital Simulation Laboratory, Attitude and Orbit Control Systems, and the Thermal Control Laboratory of the Space Mechanics and Control Department).
N84-34311/0 01-*502,775* PC **A05**/MF **A01**

INPE-3179-TDL/172
Distribuicao Temporal E Latitudinal das Irregularidades Ionosfericas No Brasil, Atraves de Analise de Dados de Cintilacao Em VHF E Ionogramas (Temporal and Latitudinal Distribution of Ionosphere Irregularity in Brazil, Data Analysis of Scintillations in Very High Frequencies and Ionograms).
N84-34081/9 01-*500,192* PC **A06**/MF **A01**

INPE-3189-PRE/553
Propagacao de Ondas Eletromagneticas Em Meiod Magnetoionicos (Electromagnetic Wave Propagation in Magnetoionic Media).
N84-33640/3 01-*502,648* PC **A03**/MF **A01**

INPE-3197-TDL/173
Problema de Determinacao de Politica Otima Para Sistemas de Manutencao COM Maquinas de Reserva E Numero Variavel de Servidores (Problem of Determining the Optimal Policy for Maintenance Systems with Reserve Machines and a Variable Number of Servers).
N84-34310/2 01-*501,676* PC **A04**/MF **A01**

INPE-3198-PRE/561
Aprimoramentos No Processo de Desidratacao de Hidrazina Por Hidroxido de Sodio (Improvements in the Process of Dehydrating Hydrazine by Sodium Hydroxide).
N84-33531/4 01-*500,935* PC **A02**/MF **A01**

INPE-3201-NTE/222
Meteorologia Sinotica DA Antartica (Synoptic Meteorology in Antarctica).
N84-34095/9 01-*500,230* PC **A03**/MF **A01**

INPE-3202-RPE/460
Workshop Sobre Ciencias DA Atmosfera No Inpe a Meteorlogia DA Regiao Antartica (Atmospheric Science Workshop on the Meteorology of the Antarctic Region at INPE).
N84-34093/4 01-*500,228* PC **A03**/MF **A01**

INPE-3209-PRE/566
Varicao DA Ocorrencia DA Camada F Espalhada COM O Ciclo Solar Em Fortaleza E Cachoeira Paulista (The Variation of Range Type Spread F Occurrence with a Solar Cycle at Fortaleza and Cachoeira Paulista).
N84-34080/1 01-*500,191* PC **A02**/MF **A01**

INPE-3210-TDL/174
Estudo Comparativo Entre Diferentes Produtos de Sistemas Sensores Aplicados a Analise Litologico-Estrutural No Quadrilatero Ferrifero, Minas Gerais (A Comparative Study of Different Products of Sensor Systems Applied in a Lithologic-Structural Analysis of the Quadrilatero Ferrifero Area, Minas Gerais).
N84-33856/5 01-*501,174* PC **A06**/MF **A01**

INPE-3215-PRE/568
Sistema Grafico Para O Tracado de Cartas Sinoticas Por Computado (A Graphic System for Drawing Synoptic Maps by Computer).
N85-27474/4 19-*542,272* PC **A02**/MF **A01**

INPE-3217-PRE/570
Algumas Consideracoes Sobre Orbitas Elipticas Heliocentricas (Some Considerations on Elliptic Heliocentric Orbits).
N85-11926/1 04-*508,036* PC **A03**/MF **A01**

INPE-3218-PRE/571
Medidad de Campos Eletricos Atraves de Baloes Estratosfericos NA Regiao DA Anomalia Do Atlantico Sul (Measurements of Electric Fields Obtained by Stratospheric Balloons in the Region of the South Atlantic Anomaly).
N85-14335/2 08-*515,837* PC **A02**/MF **A01**

INPE-3219-PRE/572
Observacoes de Bolhas de Plasma E de Sua Deriva Zonal Usando Polarimetros (Observations of Plasma Bubbles and Their Zonal Drift Using Polarimeters).
N85-14688/4 08-*515,840* PC **A02**/MF **A01**

INPE-3222-PRE/573
Long Time Behaviour of the Interplanetary Magnetic Field-Sectorial Structure.
N84-35245/9 02-*502,875* PC **A02**/MF **A01**

INPE-3223-PRE/574
Impurity Cluster States in Disordered 2-Dimensional Systems: A Self-Consistent Hartree-Fock-Roothaan Model.
N84-35115/4 02-*505,114* PC **A02**/MF **A01**

INPE-3224-PRE/575
S-Micro - Sistema Para Simulacao de Unidade de Controle Microprogramada (S-Micro: A System for Simulating a Microprogrammed Control Unit).
N85-14585/2 08-*516,633* PC **A02**/MF **A01**

INPE-3225-PRE/576
Synoptic Study of the Influence of Extra-Tropical Latitude Systems on the Climatic Variability in Northeast Brazil.
N84-34824/2 02-*502,935* PC **A02**/MF **A01**

INPE-3226-PRE/577
Transient Convection over the Amazon/Bolivia Region and the Dynamics of Drought over Northeast Brazil.
N84-34823/4 02-*502,934* PC **A02**/MF **A01**

INPE-3227-PRE/578
Large Scale Tropical Heat Sources and Global Atmospheric Energy Propagation Associated with Droughts in Northeast Brazil.
N84-34806/9 02-*502,931* PC **A02**/MF **A01**

INPE-3229-TDL/176
PASCAL-Mp Manipulador Algebrico E Numerico de Polinomios (PASCAL-Mp Algebraic and Numerical Manipulator for Polynomials).
N85-11562/4 04-*509,120* PC **A05**/MF **A01**

INPE-3230-PRE/580
Vertical Mode Decomposition and Model Resolution.
N84-34805/1 02-*502,930* PC **A03**/MF **A01**

INPE-3231-PRE/581
Comportamento DA Regiao Ionosferica F Em Baixas Latitudes E Regiao Equatorial Do Brasil Durante Fortes Tempestades Magneticas, No Periodo 1978 - 1983 (Behavior of the Ionospheric F Region in Low Latitudes and in the Equatorial Region of Brazil During Strong Magnetic Storms in the 1978 to 1983 Period).
N85-14333/7 08-*515,835* PC **A02**/MF **A01**

INPE-3232-PRE/582
Representation of the Fokker-Plank Collision Term for Coulomb Interaction as Series of Legendre Polynomials.
N84-35006/5 02-*505,050* PC **A03**/MF **A01**

INPE-3233-PRE/583
Nonlinear Effects in Electron Cyclotron Resonance Heating of Plasmas.
N84-35103/0 02-*505,051* PC **A02**/MF **A01**

INPE-3235-PRE/584
Stochastic Control of Pitch Motion of Satellites Using Stabilizing Flaps.
N84-34458/9 02-*505,237* PC **A03**/MF **A01**

INPE-3236-PRE/585
Parameter Identification and State Estimation for Distributed Parameter Systems.
N84-35004/0 02-*504,129* PC **A02**/MF **A01**

INPE-3238-PRE/586
Few Necessary Considerations for the Use of the Finite Element Methods by Non-Specialists.
N84-35005/7 02-*504,130* PC **A03**/MF **A01**

INPE-3240-RPE/463
Metodos Numericos Para a Resolucao de Sistemas de Equacoes Lineares (Numerical Methods for Solving Systems of Linear Equations).
N85-11633/3 04-509,517 PC A03/MF A01

INPE-3242-PRE/588
Meteor Showers Effects in the Low Terrestrial Ionosphere Detected at VLF Ionosonde and Long Distance Propagation Paths.
N84-35246/7 02-502,903 PC A02/MF A01

INPE-3244-PRE/590
Fault-Tolerant Multiprocessing Unit for on-Board Satellite Supervision and Control.
N84-34500/8 02-505,244 PC A02/MF A01

INPE-3259-NTE/223
Projeto Serge: Trabalho de Campo Referente AO Experimento Sir-a No Brasil (Fase 2) (Shuttle Experimental Radar for Geological Exploration (SERGE) Project: Field Work Relating to the Shuttle Experimental Radar A (SIR-A) in Brazil (Phase 2)).
(NASA-CR-174033)
N85-11444/5 04-508,937 PC A09/MF A01

INPE-3260-RPE/464
Contouring Program for Generation of Sea Surface Temperature Maps.
N84-34906/7 02-503,740 PC A03/MF A01

INPE-3262-TDL/178
Proposta de Um Sistema Semi-Automatico Para Teste de Programas (Proposal for a Semiautomatic Program Testing System).
N85-11561/6 04-509,119 PC A06/MF A01

INPE-3263-PRE/594
Note on the Eigenvalues of a Layered System.
N84-35007/3 02-503,741 PC A02/MF A01

INPE-3264-PRE/595
Study of the Influence of Extra-Tropical Latitude Systems on the Climatic Variability in Northeast Brazil.
N84-34825/9 02-502,936 PC A03/MF A01

INPE-3267-NTE/224
Sistema Sitim - Utilizacao Do Supervisorio (SITIM System: Supervisor Utilization).
N85-11565/7 04-509,123 PC A02/MF A01

INPE-3271-PRE/596
Aumentos Noturnos NA Ionizacao DA Regiao Ionosferica F Em Baixa Latitude No Brasil Durante Tempestades Magneticas (Nocturnal Increases of Ionization in the Ionospheric F Region in the Low Latitude of Brazil During Magnetic Storms).
N85-14334/5 08-515,836 PC A02/MF A01

INPE-3272-PRE/597
Nonlinear Temporal Modulation of Pulsar Radioemission.
N84-35282/2 02-502,863 PC A02/MF A01

INPE-3274-PRE/598
Are Droughts Predictable.
N84-34826/7 02-502,937 PC A02/MF A01

INPE-3275-PRE/599
22 Ghz Continuum and Spectral Index Maps of the Galactic Center Region.
N84-35239/2 02-502,870 PC A02/MF A01

INPE-3276-PRE/600
Otimizacao de Vasos de Pressao Do Tipo Esferas Interceptantes (Optimization of Pressure Vessels with Standard Intercepting Spheres).
N85-20397/4 14-532,240 PC A02/MF A01

INPE-3278-PRE/601
Um Analisador Portatil de Pulsos Para Geofisica Nuclear Usando O Microcomputador DA Linha Sinclair-TK (A Portable Pulse Analyzer for Nuclear Geophysics Using a Sinclair-TK Microcomputer).
N85-27666/5 19-543,838 PC A02/MF A01

INPE-3279-PRE/602
Ionospheric Research at INPE.
N85-19556/8 13-528,417 PC A02/MF A01

INPE-3280-PRE/603
Recent Investigations at INPE in Magnetospheric Physics and Geomagnetism.
N85-19555/0 13-528,416 PC A02/MF A01

INPE-3281-PRE/604
Upper Atmosphere Research at INPE.
N85-19557/6 13-528,418 PC A02/MF A01

INPE-3282-RPE/466
Uso de Microprocessadores NAS Estacoes de Rastreio E Controle de Satelites DA Mecb (The Application of Microprocessors in the Command and Control of Satellites by the MECB Stations).
N85-11553/3 04-510,555 PC A02/MF A01

INPE-3283-PRE/605
Percurso DA Anomalia Magnetica Brasileira Entre 1922 E 1969 (Precursors for Brazilian Magnetic Anomalies from 1922 to 1969).
N85-20590/4 14-530,909 PC A02/MF A01

INPE-3284-NTE/226
Sistema Sitim - Modulo Gerenciador (SITIM System: Object Manager Module).
N85-11564/0 04-509,122 PC A03/MF A01

INPE-3291-PRE/606
Comments on the Paper by F. Pegoraro, L. Sugiyama: Spatial Diffusion of Charged High-Energy Fusion Products by Shear Alfven Perturbations.
N85-27675/6 19-544,231 PC A03/MF A01

INPE-3292-PRE/607
Low-Cost, General Purpose Image Processing System.
N85-19690/5 13-529,201 PC A02/MF A01

INPE-3294-PRE/609
O Use Do Hidrazine COMO Fonte Alternativa de Energia (The Use of Hydrazine as an Alternate Source of Energy).
(NASA-CR-175535)
N85-21397/3 14-532,822 PC A02/MF A01

INPE-3295-PRE/610
Investigation on the Burning of Unpulverized Coal in a Self Excited Acoustic Field.
N85-19035/3 13-530,574 PC A02/MF A01

INPE-3296-PRE/611
Desenvolvimento de Um Sistema Grafico: Um Exemplo No Tracado de Cartas Sinoticas (Development of a Graphic System: Example Using the Outline of Synoptic Charts).
N85-27327/4 19-542,258 PC A02/MF A01

INPE-3297-PRE/612
Remote Sensing Activities in Latin America.
N85-19501/4 13-529,824 PC A02/MF A01

INPE-3301-PRE/613
Semianalytical, Artificial Satellite Orbit Propagation Procedure Based on Optimal Parameter Estimation.
N85-18997/5 13-530,733 PC A02/MF A01

INPE-3302-PRE/614
Use of Image Registration Technique in Brasilia's Urban Growth Monitoring.
N85-19896/8 13-529,643 PC A02/MF A01

INPE-3304-PRE/615
Variational Calculation of the 2D H2 Molecule.
N85-19796/0 13-528,992 PC A02/MF A01

INPE-3305-PRE/616
Use of Synthesis Method in the Design of Gyrotron Electron Guns.
N85-19329/0 13-529,120 PC A03/MF A01

INPE-3307-PRE/617
Participacao das Tecnicas de Sensoriamento Remoto NA Pesquisa Geografica Brasileira (The Sharing of Remote Sensing Techniques in Brazilian Geographic Research).
N85-19502/2 13-529,037 PC A02/MF A01

INPE-3308-PRE/618
Alguns Aspectos DA Circulacao DA Atmosfera Proxima a America Do Sul E Interacoes COM a Regiao Antartica (Some Aspects of Atmospheric Circulation Near South America and Interactions with the Antarctic Regions).
N85-19561/8 13-528,445 PC A05/MF A01

INPE-3313-PRE/620
Brazilian Remote Sensing Shuttle Experiment (BRESEX): Characteristics and Future Utilization on Satellites.
N85-19385/2 13-530,709 PC A02/MF A01

INPE-3314-PRE/621
O Emprego de Sensoriamento Remoto No Brasil (Function of Remote Sensing in Brazil).
N85-27329/0 19-542,923 PC A02/MF A01

INPE-3315-PRE/622
SELPER No Brasil (SELPER (Latin American Society of Remote Sensory Specialists)).
N85-27328/2 19-544,462 PC A02/MF A01

INPE-3316-NTE/227
Introducao AO Barramento IEEE-488 (GPIB) (Introduction to the IEEE-488 Bus).
N85-28613/6 20-545,213 PC A03/MF A01

INPE-3320-TDL/180
Sistema Simulador Do Gerador Solar de Satelites Artificiais (A System Simulator for the Solar Generator of Artificial Satellites).
N85-20534/2 14-531,799 PC A09/MF A01

INPE-3325-PRE/624
Processamento Digital de Imagens (Digital Imaging Processing).
N85-20696/9 14-531,681 PC A14/MF A01

INPE-3327-PRE/625
Development of the TT and C Station Equipment at INPE.
N85-18999/1 13-530,735 PC A02/MF A01

INPE-3329-PRE/626
R and D Project Selection Problem with Fuzzy Coefficients.
N85-19671/1 13-528,474 PC A03/MF A01

INPE-3333-TDL/182
Variacoes Interanuais DA Circulacao Geral de Inverno No Hemisferio Norte E DA Oscilacao Sul (Meridional) E Suas Possiveis Conexoes COM O Clima Do Nordeste Brasileiro (Interannual Variations of the Winter Circulation in the Northern Hemisphere and in the Southern Oscillation (Meridian) and Their Possible Connections with the Climate of Northeast Brazil).
N85-19573/3 13-528,454 PC A05/MF A01

INPE-3349-PRE/628
SINOGRAFO: Um Pacote Para O Auxilio a Previsao de Tempo (SINOGRAFO: A System for Influencing and Forecasting Weather).
N85-27475/1 19-542,273 PC A02/MF A01

INPE-3350-PRE/659
Sistema Diagnostico (Diagnostic System).
N85-27519/6 19-542,597 PC A02/MF A01

INPE-3351-PRE/630
Planetary Scale Circulation Anomalies Associated with Droughts over Northeast Brazil.
N85-19570/9 13-528,451 PC A02/MF A01

INPE-3352-PRE/631
Um Metodo de Interpolacao COM Possibilidade de Corrigir as Primeiras Derivadas (An Interpolation Method with the Possibility of First Derivative Correction).
N85-27590/7 19-543,050 PC A02/MF A01

INPE-3355-PRE/633
Utilizacao Do Reduce 2 Para Programacao Simbolica (Use of REDUCE 2 for Symbolic Programming).
N85-27544/4 19-543,046 PC A02/MF A01

INPE-3357-PRE/635
BRESEX Multispectral Camera: Preliminary Characteristics.
N85-19386/0 13-529,859 PC A02/MF A01

INPE-3358-PRE/636
Metal-Nonmetal Transitions in n-Doped Many-Valley Si and Ge.
N85-19848/9 13-530,554 PC A02/MF A01

INPE-3360-PRE/638
Radon Concentration Inversion in the Troposphere: Still Unexplained.
N85-27431/4 19-542,234 PC A02/MF A01

INPE-3378-PRE/653
Observations of Airglow O2(1-sigma) Atmospheric Band at 8645 A and the Rotational Temperature at 23 Deg S.
N85-27435/5 19-542,238 PC A02/MF A01

INPE-3380-TDL/185
Medidas de Linhas Nucleares COM Um Telescopio Ge(Li) Duplo a Bordo de Balao Estratosferico (Measurement of Nuclear Lines with a Dual Ge(Li) Telescope Aboard a Stratospheric Balloon).
N85-21083/9 14-530,870 PC A05/MF A01

INPE-3384-RPE/470
Thermospheric Winds Observed by OI6300A Doppler Shifts at 23 Deg S in the Brazilian Sector.
N85-27479/3 19-542,241 PC A02/MF A01

INPE-3387-PRE/658
Surface Interpolation Using Weighted Splines.
N85-27591/5 19-543,051 PC A02/MF A01

INPE-3393-PRE/664
Proposed Energy Systems for the Brazilian Data Collection Satellite.
N85-26856/3 19-544,461 PC A02/MF A01

INPE-3394-TDL/186
Um Metodo Para Reducao de Ambiguidade Em Segmentacao de Imagens (A Method for Reduction of Ambiguity in Segmentation of Images).
N85-20664/7 14-531,678 PC A06/MF A01

INPE-3395-PRE/665
Optimum Convection Conditions for Czochralski Growth of Semiconductors.
N85-27703/6 19-543,983 PC A02/MF A01

INPE-3397-PRE/666
First Sodium Nightglow Results for Natal.
N85-19560/0 13-528,420 PC A02/MF A01

INPE-3398-PRE/667
Atmospheric Radon Measurements in the Antarctic Peninsula: A Preliminary Report.
N85-27436/3 19-543,921 PC A02/MF A01

INPE-3399-PRE/666
Survey of VLF-OMEGA Transmissions Received During Summer at Antarctic Peninsula.
N85-19223/5 13-529,957 PC A02/MF A01

INPE-3400-PRE/669
Brazil Future Plans in Upper Atmosphere Research in Antarctica.
N85-19559/2 13-528,419 PC A02/MF A01

INPE-3401-PRE/670
U, Th, K Content, Heat Production and Thermal Conductivity of Sao Paulo, Brazil Continental Shelf Sediments: A Reconnaissance Work.
N85-19558/4 13-529,098 PC A02/MF A01

INPE-3405-PRE/674
Large Scale Circulation Anomalies and Prediction of Northeast Brazil Droughts.
N85-19571/7 13-528,452 PC A02/MF A01

INPE-3406-PRE/675
Density of Impurity States Associated to Inversion Layers.
N85-27702/8 19-544,301 PC A03/MF A01

INPE-3407-PRE/676
Meridional Penetration of Frontal Systems in South America and Its Relation to Organized Convection in the Amazon.
N85-19572/5 13-528,453 PC A02/MF A01

INPE-3408-PRE/677
Droughts and Floods in South America Due to the 1982-83 El Nino-Southern Oscillation Episode.
N85-18535/3 12-526,037 PC A02/MF A01

INPE-3412-PRE/678
Drought in Northeast Brazil 1983.
N85-27476/9 19-542,274 PC A02/MF A01

INPE-3413-PRE/679
Diffusion Coefficients for Coastal Water Determined from Aerial Photographs.
N85-27331/6 19-542,886 PC A02/MF A01

INPE-3421-PRE/686
Relevance of Remote Sensing to Brazil.
N85-27332/4 19-544,430 PC A03/MF A01

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INPE-3424-PRE/687
BRESEX Multispectral Camera: Preliminary Characteristics.
N85-27195/5 **19**-*543,719* PC **A02**/MF **A01**

INPE-3439-PRE/696
Dependence of Equatorial F-Region Plasma Bubble Rise Velocity and Dynamo Electric Field on Solar Cycle.
N85-27434/8 **19**-*542,237* PC **A02**/MF **A01**

INPE-3447-PRE/700
Electronic Density of States for the Double Donor System Si:P, As.
N85-27700/2 **19**-*544,299* PC **A02**/MF **A01**

INPE-3448-PRE/701
Electric Field and Energy Transfer by Magnetopause Reconnection.
N85-27432/2 **19**-*542,235* PC **A02**/MF **A01**

INPE-3452-PRE/704
Some Physical Impurity Properties of Doped-Indirect Gap Semiconductors at Low and Intermediate Concentrations.
N85-27701/0 **19**-*544,300* PC **A02**/MF **A01**

INPE-3453-PRE/705
Periodic Cluster Simulation of a Disordered Impurity System.
N85-27628/5 **19**-*544,297* PC **A02**/MF **A01**

INPE-3469-PRE/712
X-Ray Intensification at Balloon Altitudes of the South Atlantic Magnetic Anomaly in Association with Geomagnetic Activity.
N85-27437/1 **19**-*542,239* PC **A02**/MF **A01**

INPE-3470-PRE/713
Radar Return from Vegetation Covered Terrain.
N85-27093/2 **19**-*543,791* PC **A02**/MF **A01**

INPE-3476-PRE/719
INPE's Line Imaging Camera: Preliminary Results.
N85-27194/8 **19**-*543,718* PC **A02**/MF **A01**

INPE-3477-PRE/720
Appraisal of the Duration of the Recent Drought in Northeast Brazil and a Forecast for 1985.
N85-27478/5 **19**-*542,276* PC **A02**/MF **A01**

INPE-3478-PRE/721
Microwaves and Hard X-Rays Ultrafast Time Structures at the Impulsive Phase of Solar Bursts.
N85-27816/6 **19**-*542,214* PC **A02**/MF **A01**

INPE-3479-PRE/722
Acousto-Optical Spectrometers at Itapetinga Radio Observatory.
N85-27776/2 **19**-*543,689* PC **A02**/MF **A01**

INPE-3480-PRE/723
Radio Observations of Comet P/Crommelin.
N85-27777/0 **19**-*542,204* PC **A02**/MF **A01**

INPE-3481-PRE/724
Calibration Methods in Millimeter-Wave Radioastronomy.
N85-27778/8 **19**-*542,205* PC **A02**/MF **A01**

INPE-3483-PRE/726
Impurity Bands Associated with MOS Inversion Layers.
N85-27704/4 **19**-*544,302* PC **A02**/MF **A01**

INPE-3492-PRE/729
Comparison of a Diffusion Model with Dye Dispersion Measurements to Study Turbulence in Coastal Waters.
N85-27504/8 **19**-*542,888* PC **A03**/MF **A01**

INPE-3494-PRE/731
Equatorial F-Region Irregularity Latitudinal Extension and Dynamo Electric Field.
N85-27433/0 **19**-*542,236* PC **A02**/MF **A01**

INPE-3495-PRE/732
Shallow Impurity Cluster States in n-Type Semiconductors.
N85-27699/6 **19**-*544,298* PC **A03**/MF **A01**

INPE-3499-PRE/735
Tropical Oceans-Global Atmosphere (TOGA) Experiment Planning for the Brazilian Participation in TOGA Global Climate Program.
N85-27477/7 **19**-*542,275* PC **A02**/MF **A01**

INPE-3503-PRE/738
Experiments Using Atmospheric Forcing from a FGGE Analysis to Drive an Upper Ocean Model.
N85-30576/1 **22**-*549,443* PC **A03**/MF **A01**

INPE-3515-PRE/740
Micrometeorology of an Amazonian Rainforest.
N85-30551/4 **22**-*549,359* PC **A03**/MF **A01**

INPE-3531-RPE/477
Dynamical Climatology of the Amazon Basin and Associated Rain Producing Mechanisms.
N85-30552/2 **22**-*549,440* PC **A03**/MF **A01**

INPE-3536-PRE/752
Method to Estimate the Self-Consistency Effects on Electronic Structure Calculations.
N85-30936/7 **22**-*551,799* PC **A02**/MF **A01**

INPE-3538-PRE/754
Northeast Brazil Droughts and Atlantic SST (Sea Surface Temperature) Anomalies.
N85-30553/0 **22**-*549,441* PC **A02**/MF **A01**

INPE-3539-PRE/755
Atmospheric X-rays at 11 Deg S Geomagnetic Latitude.
N85-31004/3 **22**-*549,418* PC **A02**/MF **A01**

INPE-3545-PRE/758
Single-Dish High Sensitivity Determination of Solar Limb Emission at 22 and 44 Ghz.
N85-30999/5 **22**-*549,394* PC **A02**/MF **A01**

INPE-3552-PRE/764
Ion-Acoustic Double Layer in a Magnetic Picket Fence Configuration.
N85-30898/9 **22**-*551,697* PC **A02**/MF **A01**

INPE-3555-PRE/766
Tropical Ozone: Seasonal Variations in the Troposphere at 6 Deg S.
N85-30535/7 **22**-*549,416* PC **A02**/MF **A01**

NAS 1.26:168559
Uma Hipotese Sobre a Origem dos Lineamentos das Imagens LANDSAT e SLAR Now Terrenos Pre-Cambrianos do Baixo Vale do Rio de Contas (Sul da Bahia) (Hypothesis on the Origin of Lineaments in the LANDSAT and SLAR Images of Precambrian Soil in the Low Contas River Valley (Southern Bahia)).
(NASA-CR-168559)
N85-11420/5 **04**-*508,936* PC **A03**/MF **A01**

NAS 1.26:168560
Sistematica de Interpretacao de Dados de Sensoriamento Remoto na Recepcao de Hidrocarbonetos, Volume 1 (Systematic Data Interpretation of Remote Sensing in the Reception of Hydrocarbons, Volume 1).
(NASA-CR-168560)
N85-11421/3 **04**-*509,005* PC **A09**/MF **A01**

NAS 1.26:168566
Utilizacao de Imagens Orbitais LANDSAT para Levantamento de Solos No Estado do Rio Grande do Norte (Utilization of LANDSAT Orbital Imagery in the Soil Survey Processes at Rio Grande do Norte State).
(NASA-CR-168566)
N85-11422/1 **04**-*508,913* PC **A03**/MF **A01**

NAS 1.26:168567
Sensoriamento Remoto como Tecnica de Prospeccao Mineral (Remote Sensing as a Mineral Prospecting Technique).
(NASA-CR-168567)
N85-11423/9 **04**-*509,006* PC **A02**/MF **A01**

NAS 1.26:168568
Relatorio Executivo: Resultados do Projeto Experimental IRGA-CNPQ/INPE (Executive Report: Results of the IRGA-CNPQ/INPE Experimental Project).
(NASA-CR-168568)
N85-11424/7 **04**-*507,979* PC **A04**/MF **A01**

NAS 1.26:168569
Sensores Remotos em Levantamentos Florestais (Remote Sensing Applied to Forest Resources).
(NASA-CR-168569)
N85-11425/4 **04**-*507,996* PC **A03**/MF **A01**

NAS 1.26:168570
Relatorio do Curso de Treinamento de Fortaleza (Ceara) (A Report on the Training Course at Fortaleza (Ceara)).
(NASA-CR-168570)
N85-11426/2 **04**-*508,361* PC **A03**/MF **A01**

NAS 1.26:168571
Sistema para Gerenciamento do Atendimento de Pedidos a um Banco de Imagens (A System for the Management of Requests at an Image Data Bank).
(NASA-CR-168571)
N85-11427/0 **04**-*509,116* PC **A08**/MF **A01**

NAS 1.26:168572
Recursos Hidricos por Sensoriamento Remoto Orbital: Exemplos de Aplicacoes (Water Resources by Orbital Remote Sensing: Examples of Applications).
(NASA-CR-168572)
N85-11428/8 **04**-*508,945* PC **A03**/MF **A01**

NAS 1.26:168573
Principios Basicos, Metodologias e Aplicacoes de Sensoriamento Remoto na Agricultura (Basic Principles, Methodology, and Applications of Remote Sensing in Agriculture).
(NASA-CR-168573)
N85-11429/6 **04**-*507,980* PC **A04**/MF **A01**

NAS 1.26:168574
Mapeamento da Alteracao do Uso do Solo na Regiao Carbonifera de Santa Catarina - Relatorio 2 (Mapping Land Use Changes in the Carboniferous Region of Santa Catarina, Report 2).
(NASA-CR-168574)
N85-11430/4 **04**-*508,893* PC **A03**/MF **A01**

NAS 1.26:168575
Desenvolvimento e Teste de um Sistema de Fiscali Zacao das Operacoes de Credito Agricola AO Nivel de Municipio E de Propriedades Agricolas Utilizando Tecnicas de Sensoriamento Remoto (Development and Testing of a Rural Credit Supervision System at the Level of Counties and Rural Properties Utilizing Remote Sensing Techniques).
(NASA-CR-168575)
N85-11431/2 **04**-*508,894* PC **A06**/MF **A01**

NAS 1.26:173945
Areas Irrigadas: Monitoramento Por Sensoriamento Remoto (Irrigated Lands: Monitoring by Remote Sensing).
(NASA-CR-173945)
N84-33854/0 **01**-*500,080* PC **A02**/MF **A01**

NAS 1.26:173946
Projeto Mapeamento DA Alteracao Do USO Do Solo DA Regiao Carbonifera de Santa Catarine - Relatorio Preliminar (Mapping Project on Land Use Changes in the Carboniferous Region of Santa Catarina).
(NASA-CR-173946)
N84-33853/2 **01**-*501,152* PC **A02**/MF **A01**

NAS 1.26:174031
Estudo Preliminar Sobre a Viabilidade de Deteccao de Macrofitas Flutuantes Atraves de Processamento Digital de Dados do MSS/LANDSAT (A Preliminary Study of the Feasibility of Detecting the Floating Macrophytes by Means of Digital Processing of MSS/LANDSAT Data).
(NASA-CR-174031)
N85-11418/9 **04**-*508,446* PC **A02**/MF **A01**

NAS 1.26:174033
Projeto Serge: Trabalho de Campo Referente AO Experimento Sir-a No Brasil (Fase 2) (Shuttle Experimental Radar for Geological Exploration (SERGE) Project: Field Work Relating to the Shuttle Experimental Radar A (SIR-A) in Brazil (Phase 2)).
(NASA-CR-174033)
N85-11444/5 **04**-*508,937* PC **A09**/MF **A01**

NAS 1.26:174050
Mapeamento Tematico de Areas-Alvos Favoraveis a Ocorrencia de Cassiterita No Macico Granitico da Serra do Mocambo (Go), a Partir de Imagens Digitais do LANDSAT-2 (Thematic Mapping of Likely Target Areas for the Occurence of Cassiterite in the Serra Do Mocambo (Go) Granitic Massifs Using LANDSAT 2 Digital Imaging).
(NASA-CR-174050)
N85-11440/3 **04**-*509,007* PC **A02**/MF **A01**

NAS 1.26:174124
Avaliacao de Tecnicas de Tratamento for Computador de Dados Digitais Mss-Landsat NA Discriminacao Litologica NA Serra Do Ramalho, Estado DA Bahia (Assessment of Computer Techniques for Processing Digital Landsat MSS Data for Lithological Discrimination of Serra Do Ramalho, State of Bahia).
(NASA-CR-174124)
N85-12412/1 **05**-*511,382* PC **A03**/MF **A01**

NAS 1.26:174126
Especificacao e Projeto Preliminar do Sistema Carta para Cartografia por Satelite (Specification and Preliminary Design of the Carta System for Satellite Cartography).
(NASA-CR-174126)
N85-12414/7 **05**-*511,354* PC **A04**/MF **A01**

NAS 1.26:174127
Avaliacao de Criterios de Selecao de Atributos Espectrais de Imagens Digitais MSS-LANDSAT, Em Discriminacoes Litologicas no Baixo Vale do Rio Curaca, Bahia (Evaluation of Criteria for Selecting the Spectral Attributes of Digital LANDSAT MSS Imagery for Discriminating Lithological Units in the Lower Curaca River Valley, Bahia).
(NASA-CR-174127)
N85-12415/4 **05**-*511,383* PC **A03**/MF **A01**

NAS 1.26:174188
Analise Integrada dos Produtos de Sensoriamento Remoto em Levantamentos Geologicos Basicos (Integrated Analysis of Remote Sensing Products from Basic Geological Surveys).
(NASA-CR-174188)
N85-16248/5 **10**-*521,840* PC **A02**/MF **A01**

NAS 1.26:174189
Experiencias com Processamento Digital de Imagens no INPE (Instituto de Pesquisas Espaciais) (Experiences with Digital Processing of Images at INPE (Instituto de Pesquisas Espaciais)).
(NASA-CR-174189)
N85-15247/8 **10**-*521,963* PC **A02**/MF **A01**

NAS 1.26:174406
Brazilian Remote Sensing Receiving, Recording and Processing Ground Systems in the 1980'S.
(NASA-CR-174406)
N85-19493/4 **13**-*529,199* PC **A02**/MF **A01**

NAS 1.26:175535
O Use Do Hidrazine COMO Fonte Alternativa de Energia (The Use of Hydrazine as an Alternate Source of Energy).
(NASA-CR-175535)
N85-21397/3 **14**-*532,822* PC **A02**/MF **A01**

NAS 1.26:175612
CNPQ/INPE (Conselho Nacional de Pesquisas/Instituto de Pesquisas Espaciais) Landsat System: Report of Activities from October 1, 1983 to September 30, 1984.
(NASA-CR-175612)
N85-27318 **19**-*543,041* PC **A03**/MF **A01**

NAS 1.26:175613
Noise Correction on Landsat Images Using a Spline-Like Algorithm.
(NASA-CR-175613)
N85-27319 **19**-*543,042* PC **A02**/MF **A01**

NAS 1.26:175830
Estudo da Evolucao Urbana de Brasilia Atraves do Uso de Dados Landsat (Study of the Urban Evolution of Brasilia with the Use of Landsat Data).
(NASA-CR-175830)
N85-27321 **19**-*543,492* PC **A03**/MF **A01**

Synchrotron/Inverse Compton Interpretation of a Solar Burst Producing Fast Pulses at lambda 3 mm and Hard X-Rays.
N85-27815/8 **19**-*542,213* PC **A03**/MF **A01**

INSTITUTO DE PESQUISAS ESPACIAIS, SAO PAULO (BRAZIL).

INPE-2760-PRE/335
Selecao de Projetos de p and D COM Retornos Nao-Numericos (R and D Project Selection with No inumerical Returns).
N85-13665/3 **07**-*515,054* PC **A02**/MF **A01**

INPE-2828-PRE/380
Limitantes DA Equivocacao Em Canais Gaussianos Aditivos (Equivocation Limits in Gaussian Additive Channels).

N85-13137/3 **07**-*514,858* PC **A02**/MF **A01**

INPE-3053-PRE/474
Inducao de Regras de Decisao Nebulosas (Induction of Fuzzy Decision Rules).
N85-13525/9 **07**-*515,053* PC **A02**/MF **A01**

INPE-3087-TDL/162-V-2
Sistematica de Interpretacao de Dados de Sensoriamento Remoto NA Recepcao de Hidrocarbonetos. Volume 2 (System of Interpretation of Remote Sensing Data when Hydrocarbons are Present. Volume 2).
N85-27326/6 **19**-*542,922* PC **A09**/MF **A01**

INPE-3114-PRE/511
Como Implementar O Programa de Boas Vindas Em Microcomputadores Compativeis COM O Apple 2 (How to Implement the Welcome Program in Compatible Microcomputers Such as Apple 2).
N85-14586/0 **08**-*516,634* PC **A02**/MF **A01**

INPE-3190-PRE/554
Quimica DA Atmosfera (Atmospheric Chemistry).
N85-27430/6 **19**-*542,233* PC **A03**/MF **A01**

INPE-3211-TDL/175
Fontes de Calor Nos Tropicos E Escoamentos Anomalos de Larga Escala Associadas COM Anomalias de Precipitacao No Nordeste Do Brasil (Heat Sources in the Tropics and Large Scale Flow Anomalies Associated with Precipitation Anomalies in Northeast Brazil).
N85-13421/1 **07**-*514,414* PC **A05**/MF **A01**

INPE-3216-PRE/569
Simbiose Entre Pos-Graduacao E Projetos de Pesquisa. Uma Experiencia Bem Sucedida (Symbiosis between Postgraduate Training and Research Projects: A Successful Experience).
N85-27330/8 **19**-*543,043* PC **A02**/MF **A01**

INPE-3257-TDL/177
Analise E Simulacao de Um Sistema Inercial (Strapdown) de Determinacao de Atitude Auxiliado Por Estimacao Adaptativa DA Deriva (Analysis and Simulation of an Inertial System (Strapdown) for Auxiliary Attitude Determination by Adaptive Drift Estimation).
N85-12882/5 **07**-*515,303* PC **A07**/MF **A01**

INPE-3268-NTE/225
Relatorio Do Trabalho de Campo Realizado NAS Bacias DOS Rios Quebra Osso E Tanque Preto, NA Quadricula de Catas Altas, Minas Gerais (Report of the Field Work Performed in the Basins of the Quebra Osso and Tanque Petro Rivers in the Catas Altas Quadrangle, Minas Gerais).
N85-13359/3 **07**-*514,745* PC **A04**/MF **A01**

INPE-3356-PRE/634
Estudo DA Degradacao DA Corrente de Curto Circuito E Tensao de Circuito Aberto de Celulas Solares de Qualificacao Espacial Em Funcao DA Fluencia de Eletrons de 1MEV (Study of the Degradation of Short-Circuit Current and the Open-Circuit Tension of Spatial Solar Cells as a Function of the Fluency of 1MeV Electrons).
N85-27814/1 **19**-*543,140* PC **A03**/MF **A01**

INPE-3359-PRE/637
Estudo Comparativo DA Analise Digital de Areas de Solo Preparado Para Plantio Utilizando Diferentes Algoritmos de Classificacao (Comparative Study of the Digital Analysis of Areas of the Earth's Surface Prepared for Planting Using Different Classification Algorithms).
N85-27545/1 **19**-*543,047* PC **A02**/MF **A01**

INSTITUTO DE PESQUISAS RADIOATIVAS, BELO HORIZONTE (BRAZIL).

Treatment of Mo-U Ore of Pocos de Caldas (Minas Gerais, Brazil).
INIS-mf-4278 **20**-*545,152* MF **A01**

Development of Work on the Treatment of Radioactive Wastes at IPR (Instituto de Pesquisas Radioativas, Minas Gerais, Brazil).
INIS-mf-4286 **20**-*546,275* PC **A02**/MF **A01**

INSTITUTO DE PESQUISAS TECNOLOGICAS, SAO PAULO (BRAZIL).

IPT-1225
Regional Geology, Tectonic, Geomorphology and Seismology Studies of Interest to Nuclear Power Plants at Itaorna Beach.
DE84702563 **01**-*502,174* PC **A08**/MF **A01**

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INIS-BR-103
Technical Subsidies for the Operation of IRD/CNEN(Instituto de Radioprotecao e Dosimetria/Comissao Nacional de Energia Nuclear de Brasil, Rio de Janeiro) Emergency Vehicles in the Case of a Nuclear Accident at the Angra Nuclear Power Plant with Associated Radioactive Releases to the Atmosphere.
DE84780190 **03**-*507,109* PC **A05**/MF **A01**

INIS-BR-219
Radon Measurements Technique in Air Using a Track Plastic Detector.
DE85780798 **16**-*536,597* PC **A02**/MF **A01**

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INIS-BR-92
Calibration of Neutron Monitors with Moderators and Application in the Calibration Factors of Albedo Dosemeters.
DE84700220 **03**-*505,762* PC **A06**/MF **A01**

INIS-BR-111
Optimization of a Scintillation Detector with Hemispherical Configuration.
DE84780362 **01**-*502,163* PC **A06**/MF **A01**

INIS-BR-126
Model for Transient Simulation in a PWR Steam Circuit.
DE84780527 **02**-*504,780* PC **A09**/MF **A01**

INIS-BR-130
Determination of the Uranium Content in Phosphate Fertilizers by the Fission Track Registration Technique.
DE84780523 **01**-*500,062* PC **A08**/MF **A01**

INIS-BR-136
Study of an Hypothetical Reactor Meltdown Accident for a 50 MW sub(Th) Fast Reactor.
DE85780299 **17**-*539,114* PC **A05**/MF **A01**

INIS-BR-137
Measurements of Dose Distribution in Thyroids, Gonads, Crystalline and Other Organs, for Radio-Diagnostics with Computerized Tomography.
DE85780272 **15**-*533,257* PC **A06**/MF **A01**

INIS-BR-138
Determination of the Uranium Concentration in Apatite by the Fission - Track Registration Technique.
DE85780087 **20**-*544,992* PC **A07**/MF **A01**

INIS-BR-139
Comparative Analysis among Several Cross Section Sets.
DE85780296 **17**-*539,214* PC **A05**/MF **A01**

INIS-BR-140
Nodal Polynomial Expansion Method to Solve the Multigroup Diffusion Equations.
DE85780297 **17**-*538,934* PC **A05**/MF **A01**

INIS-BR-144
Simulation of the Fuel Rod Thermal Hydraulic Performance During the Blow down Phase in a PWR.
DE85780298 **17**-*539,113* PC **A06**/MF **A01**

INIS-BR-165
Evaluation Model for PWR Irradiated Fuel.
DE85780600 **16**-*536,683* PC **A08**/MF **A01**

INIS-BR-166
Studies on the Crystallization of a Metal Glass by Ferromagnetic Resonance.
DE85780568 **17**-*539,275* PC **A05**/MF **A01**

INIS-BR-167
Profile Updating for Information Systems.
DE85780601 **16**-*535,434* PC **A05**/MF **A01**

INIS-BR-168
Alpha Spectroscopy with Ionization Chamber to Determine Uranium and Thorium in Environmental Samples.
DE85780595 **16**-*536,589* PC **A05**/MF **A01**

INIS-BR-169
Effect of the Interface in Laminated Composites of Al-1100 and Al-2024.
DE85780569 **17**-*538,208* PC **A09**/MF **A01**

INIS-BR-170
Dynamic Behavior of Large Oxide-Fueled Fast Reactors During over-Power Transients Due to Boiling of Sodium.
DE85780592 **17**-*539,131* PC **A07**/MF **A01**

INIS-BR-193
Studies About Diffusion Through Grain Boundary.
DE85780378 **17**-*538,259* PC **A06**/MF **A01**

INIS-BR-198
Determination of Uranium Content in Phosphoric and Sulfuric Acids Used by the Phosphatized Fertilizers Industry.
DE85780382 **17**-*537,674* PC **A06**/MF **A01**

INIS-BR-223
Electron Paramagnetic Resonance of V exp 4+ in the Lanthanum and Cerium Orthophosphates.
DE85780373 **17**-*539,488* PC **A05**/MF **A01**

INIS-BR-231
Somatic Risks by Photon Irradiation.
DE85780978 **24**-*555,200* PC **A06**/MF **A01**

INIS-BR-255
Evaluation and Reffinement of the Neutronic Calculation Methodology.
DE85781433 **25**-*559,349* PC **A05**/MF **A01**

INIS-BR-256
Calculation of Pressure Drop and Flow Redistribution in the LMFBR Core.
DE85781428 **25**-*559,292* PC **A09**/MF **A01**

INIS-BR-257
Study of Fatigue Crack Propagation in Laminated Metal Composites Aluminium 1100/Aluminium 2024.
DE85781439 **25**-*558,397* PC **A11**/MF **A01**

INIS-BR-265
Deposition and Characterization of (Cd sub(X) Zn sub(1-X)) S Thin Films.
DE85781469 **25**-*559,399* PC **A05**/MF **A01**

INIS-BR-267
Preparation and Study of the Properties of Indium Phosphide Thin Films Impregnated with Cadmium and Zinc.
DE85781460 **25**-*559,398* PC **A05**/MF **A01**

INIS-BR-283
Qualification of the New Version of HAMMER Computer Code.
DE85781583 **25**-*559,352* PC **A05**/MF **A01**

INIS-BR-284
Development of a System of Programs HAMMER - ORIGEN - 2 System.
DE85781584 **25**-*559,353* PC **A04**/MF **A01**

INIS-BR-285
Two-Dimensional Simulator of the Neutronic Behaviour of Low Power Fast Reactors.
DE85781579 **25**-*559,351* PC **A05**/MF **A01**

INIS-BR-286
Application of Multiple Scattering Theory in Electron Dosimetry.
DE85781564 **25**-*557,834* PC **A06**/MF **A01**

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CONF-8309302-3
Study on the Crystallization of the Metal Glass with the Ferromagnetic Resonance and Transmission Electron Microscopy Techniques.
DE85780794 **17**-*539,276* PC **A02**/MF **A01**

INIS-BR-212
Study on the Crystallization of the Metal Glass with the Ferromagnetic Resonance and Transmission Electron Microscopy Techniques.
DE85780794 **17**-*539,276* PC **A02**/MF **A01**

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Prevalencia de Bocio Endemico en la Poblacion escolar de Bolivia (Prevalence of Endemic Goiter in the School Population of Bolivia).
(AID-PN-AAL-695)
PB85-137925 **07**-*514,505* PC **A06**/MF **A01**

Situacion de la Lactancia Materna en Areas Urbanas de Bolivia (Situation of the Nursing Mother in Urban Areas of Bolivia).
(AID-PN-AAL-629)
PB85-154995 **10**-*521,532* PC **A06**/MF **A01**

INSTITUTO PERUANO DE ENERGIA NUCLEAR, LIMA.

INIS-mf-8977
Legal Frame for the Nuclear Activities in Peru.
DE84780481 **01**-*502,265* PC **A08**/MF **A01**

INSTITUTO TECNICO DE CAPACITACION Y PRODUCTIVIDAD, GUATEMALA CITY.

DCAP-F-082-79
Cultivo y Aprovechamiento del Mejillon; Mitimilicultura. Conocimientos Basicos (Culture and Production of Mussels).
PB85-104610 **01**-*500,605* PC **A02**/MF **A01**

DCAP-053-78
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PB85-104040 **01**-*500,084* PC **A03**/MF **A01**

DT-06-DA-015-6/81
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PB85-104511 **01**-*500,112* PC **A03**/MF **A01**

DT-070-DA-020-7/81
Manual del Cultivo del Cardamomo (Cardamom Cultivation Handbook).
PB85-105500 **01**-*500,093* PC **A03**/MF **A01**

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INIS-mf-9682
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Energy Conservation in the Vestfold Industry.
DE85780256 **14**-*531,757* PC **A06**/MF **A01**

IFE/KR/E-83/005
Sup 131 I-3-Iodobenzylguanidine (sup 131 I-3-IBG) as a Scintigraphic Agent for the Visualization of Adrenal Medulla Tumors.
DE85781072 **25**-*558,958* PC **A02**/MF **A01**

IFE/KR/E-83/009
Evaluation of Fusion Bonded Epoxy Powder Coating.
DE85750361 **12**-*527,073* PC **A02**/MF **A01**

IFE/KR/E-83/011
Adsorption of sup 134 Cs onto Two Different Types of Roof Materials.
DE85781118 **24**-*556,455* PC **A02**/MF **A01**

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DE85781107 **24**-*556,512* PC **A02**/MF **A01**

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Vacuum Spark Breakdown Model Based on Exploding Metal Wire Phenomena.
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DE85781411 **25**-*557,416* PC **A02**/MF **A01**

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DE84700182 **03**-*506,965* PC **A02**/MF **A01**

IA-1381
Material and Device Studies in the PbTe(sub 1-y)Se(sub y)/Pb(sub 1-x)Sn(sub x)Te Heterostructure System.
PB85-228963 **22**-*551,257* PC **E06**/MF **E01**

IA-1382
Measurement of the Transport Properties of (Sb sub 2 Te sub 3)sub(0.75)(Bi sub 2 Te sub 3)sub(0.25) Solid Solution with Addition of Tl sub 2 Te sub 3.
DE84703393 **10**-*523,100* PC **A03**/MF **A01**

IA-1385
Second Spectrum of Erbium - Description and Classification,
PB85-227973 **23**-*552,531* PC **E03**/MF **E01**

IA-1390
Two Temperature Equations of State (EOS) for Aluminum,
PB85-228989 **22**-*551,705* PC **E04**/MF **E01**

IA-1392
Introduction to Technetium-99M Generators.
DE85701341 **25**-*557,805* PC **A02**/MF **A01**

IA-1392
Introduction to Technetium-99m Generators,
PB85-195691 **16**-*536,562* PC **E03**/MF **E01**

IA-1393
Kinetics of Technetium-99M Generators.
DE85701342 **25**-*557,806* PC **A02**/MF **A01**

IA-1393
Kinetics of Technetium-99m Generators,
PB85-227965 **22**-*549,832* PC **E03**/MF **E01**

IA-1394
Supply of Molybdenum-99 for the Production of Tc-99M Generators.
DE85701330 **25**-*558,951* PC **A02**/MF **A01**

IA-1394
Supply of Molybdenum-99 for the Production of Tc-99m Generators,
PB85-225381 **22**-*551,075* PC **E04**/MF **E01**

IA-1395
Optical Properties of Epitaxial Layers of Hgsub(1-X) Cdsub(X)Te Grown by Liquid Phase Epitaxy.
DE85701335 **25**-*559,443* PC **A05**/MF **A01**

IA-1395
Study of Optical Properties of Hg(sub 1-x)Cd(sub x)Te in the Range of 0.18< x> 0.24 Mainly by Light Transmission Measurements.
PB85-226849 **22**-*551,802* PC **E06**/MF **E01**

IA-1397
Role of Grain Boundaries in the Stress Corrosion Cracking of Single Phase Materials.
PB85-226991 **22**-*550,482* PC **E05**/MF **E01**

IA-1398
Excitation of Giant Isovector Resonances in Nuclei.
DE85701322 **25**-*559,552* PC **A15**/MF **A01**

IA-1398
Excitation of Giant Isovector Resonances in Nuclei.
PB85-226728 **22**-*551,654* PC **E13**/MF **E01**

IA-1399
Tc-99M Imaging Agents: Production and Quality Control.
DE85701331 **25**-*558,952* PC **A05**/MF **A01**

IA-1399
Tc-99m Imaging Agents: Production and Quality Control.
PB85-195683 **16**-*535,752* PC **E05**/MF **E01**

IA-1400
Plutonium-242 Nuclear Data Evaluation.
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IA-1403
Effects of Ionizing Radiation.
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IA-1407
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DE85701292 **25**-*559,825* PC **A02**/MF **A01**

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DE85781539 **25**-*558,005* PC **A11**/MF **A01**

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(AD-A157 126/4)
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PB85-130201
08-*517,789*
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08-*517,306*
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(AFOSR-TR-84-1122)
AD-A148 973/1 **07**-*514,640* PC **A03**/MF **A01**

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Activities of Istituto Elettrotecnico Nazionale Galileo Ferraris.
N85-29845/3 **21**-*547,323* PC **A07**/MF **A01**

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CERN-EP-84-17
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DE85900495 **20**-*546,833* PC **A02**/MF **A01**

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INFN/AE-83-1
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DE85700097 **09**-*520,666* PC **A02**/MF **A01**

INFN/FM-82-1
In Situ Thin Film Measurement by X-Rays Induced by 10 KeV-100 KeV Ion Beams.
DE85780560 **16**-*536,393* PC **A02**/MF **A01**

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CERN-EP-84-139
Silicon Detectors and Associated Electronics Oriented to Calorimetry.
DE85901003 **24**-*556,314* PC **A03**/MF **A01**

CERN-EP-84-146
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DE85901036 **20**-*546,160* PC **A02**/MF **A01**

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DE82902992 **02**-*504,933* PC **A02**/MF **A01**

INFN-LNF-82-27(CR)
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DE85700174 **09**-*520,553* PC **A02**/MF **A01**

INFN-LNF-83-11(R)
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DE85780559 **16**-*536,588* PC **A02**/MF **A01**

ISTITUTO NAZIONALE DI FISICA NUCLEARE, MILAN (ITALY).

CERN-EP-84-138
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DE85901035 **20**-*546,576* PC **A02**/MF **A01**

CONF-8310334-1
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DE85700147 **10**-*523,013* PC **A03**/MF **A01**

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INFN/BE-83-1
SCAMPI-a Fortran Program Simulating Charge and Mass Particle Identification.
DE85700146 **09**-*520,544* PC **A02**/MF **A01**

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INFN/TC-83-14
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DE84703081 **04**-*509,842* PC **A02**/MF **A01**

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INFN/AE-83-2
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DE85700129 **09**-*520,297* PC **A02**/MF **A01**

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INFN/AE-82-2
TRINUC: A Fortran Program for the Identification, and the Energy and Momentum Determination of the Light Charged Particles (P,D,T) and Neutrons Emitted after the Absorption at the Rest of Negative Pions in Light Nuclei.
DE85700173 **09**-*520,552* PC **A04**/MF **A01**

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N85-33471/2 **26**-*561,406* PC **A03**/MF **A01**

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BMI/ONWI-546
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DE85006262 **12**-*527,779* PC **A06**/MF **A01**

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DE84016221 **02**-*503,705* PC **A02**/MF **A01**

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PB85-106235 **01**-*501,795* PC **A03**/MF **A01**

Stripping of Organic Chemicals in Biological Treatment Processes.
(EPA/600/D-84/239)
PB85-106714 **01**-*501,800* PC **A03**/MF **A01**

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(EPA/600/2-85/089)
PB85-235596 **24**-*555,958* PC **A03**/MF **A01**

Evaluation of Parameters Affecting Activated Carbon Adsorption of a Solvent-Laden Air Stream.
(EPA/600/D-85/144)
PB85-235992 **25**-*558,651* PC **A02**/MF **A01**

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(EPA/600/2-85/102)
PB85-247674 **26**-*561,115* PC **A15**/MF **A01**

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(EPA/600/6-85/003)
PB85-216521 **20**-*545,791* PC **A06**/MF **A01**

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AD-A153 927/9 **16**-*535,959* PC **A05**/MF **A01**

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NAS 1.26:172471
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N85-16098/4 **10**-*522,486* PC **A03**/MF **A01**

REPT-61270-10
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(NASA-CR-172471)
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EMC Enhanced Constant 'Z' Modulator.
(RADC-TR-84-117)
AD-A147 715/7 **04**-*509,167* PC **A04**/MF **A01**

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(AFOSR-TR-84-1020)
AD-A148 386/6 **05**-*512,187* PC **A02**/MF **A01**

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DE85701077 **24**-*556,493* PC **A03**/MF **A01**

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DE85700223 **11**-*525,565* PC **A03**/MF **A01**

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DE84703537 **10**-*522,761* PC **A02**/MF **A01**

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DE85701084 **25**-*559,084* PC **A03**/MF **A01**

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DE85700232 **11**-*525,000* PC **A05**/MF **A01**

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DE85700233 **11**-*525,001* PC **A02**/MF **A01**

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DE85701666 **25**-*559,145* PC **A03**/MF **A01**

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DE85700817 **18**-*540,344* PC **A03**/MF **A01**

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DE85701607 **25**-*558,020* PC **A05**/MF **A01**

JAERI-M-83-200
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DE85701079 **24**-*556,531* PC **A03**/MF **A01**

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DE85700892 **20**-544,604 PC **A03**/MF **A01**

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DE85702170 **26**-561,645 PC **A03**/MF **A01**

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DE85700889 **20**-546,355 PC **A02**/MF **A01**

JAERI-M-83-204
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DE85700240 **11**-525,005 PC **A03**/MF **A01**

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DE85701108 **23**-553,833 PC **A03**/MF **A01**

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DE85701096 **25**-559,313 PC **A03**/MF **A01**

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DE85780630 **17**-537,944 PC **A07**/MF **A01**

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DE85780631 **17**-537,945 PC **A08**/MF **A01**

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DE85700882 **20**-546,202 PC **A02**/MF **A01**

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DE85701085 **25**-559,085 PC **A06**/MF **A01**

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DE85701648 **25**-559,341 PC **A05**/MF **A01**

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DE85780621 **16**-536,669 PC **A04**/MF **A01**

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DE85700117 **11**-524,987 PC **A99**/MF **A01**

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DE85700118 **11**-524,988 PC **A99**/MF **A01**

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DE85700119 **11**-524,989 PC **A99**/MF **A01**

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DE85701581 **24**-556,273 PC **A99**/MF **A01**

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DE85701649 **25**-559,144 PC **A05**/MF **A01**

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DE85701667 **25**-559,146 PC **A06**/MF **A01**

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DE85700234 **11**-525,002 PC **A03**/MF **A01**

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DE85700239 **16**-536,554 PC **A03**/MF **A01**

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DE85701807 **25**-559,602 PC **A03**/MF **A01**

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DE85701031 **22**-550,457 PC **A03**/MF **A01**

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DE85701365 **25**-559,355 PC **A05**/MF **A01**

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DE85701357 **25**-559,243 PC **A02**/MF **A01**

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DE85701862 **26**-560,510 PC **A04**/MF **A01**

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DE85701037 **22**-550,383 PC **A02**/MF **A01**

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DE85701057 **24**-556,448 PC **A04**/MF **A01**

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DE85701361 **25**-559,247 PC **A03**/MF **A01**

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DE85701753 **25**-558,934 PC **A09**/MF **A01**

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DE85701090 **24**-556,496 PC **A08**/MF **A01**

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DE85700212 **11**-524,034 PC **A03**/MF **A01**

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DE85701858 **26**-560,508 PC **A04**/MF **A01**

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DE85701367 **25**-559,315 PC **A04**/MF **A01**

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DE85700988 **22**-550,015 PC **A03**/MF **A01**

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DE85701086 **25**-559,086 PC **A08**/MF **A01**

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DE85701087 **25**-559,087 PC **A09**/MF **A01**

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DE85701362 **25**-559,248 PC **A04**/MF **A01**

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DE85700995 **22**-551,054 PC **A03**/MF **A01**

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DE85700993 **22**-551,052 PC **A02**/MF **A01**

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DE85701032 **22**-550,458 PC **A03**/MF **A01**

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DE85701109 **23**-553,963 PC **A03**/MF **A01**

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DE85701387 **25**-559,251 PC **A02**/MF **A01**

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TRUMP3-JR: a Finite Difference Computer Program for Nonlinear Heat Conduction Problems.
DE85701388 **25**-559,092 PC **A06**/MF **A01**

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DE85701808 **25**-559,100 PC **A03**/MF **A01**

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DE85701344 **25**-559,089 PC **A04**/MF **A01**

JAERI-M-84-020
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DE85701056 **24**-556,357 PC **A03**/MF **A01**

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DE85701358 **25**-559,244 PC **A03**/MF **A01**

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DE85702227 **26**-561,842 PC **A03**/MF **A01**

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Raman Spectra of SiC Layers of Coated Fuel Particles.
DE85701093 **25**-559,311 PC **A02**/MF **A01**

JAERI-M-84-024
Treatment of Liquid Waste from the Production of Molybdenum-99 by sup 235 U(n,f) sup 99 Mo Reaction, 1. Method for Treating High Radioactive Organic Liquid Waste.
DE85701110 **23**-553,964 PC **A03**/MF **A01**

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SMORN-III Benchmark Test on Reactor Noise Analysis Methods.
DE85701076 **24**-556,492 PC **A07**/MF **A01**

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DE85702194 **26**-561,571 PC **A05**/MF **A01**

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SAGEP: Two-Dimensional Sensitivity Analysis Code Based on Generalized Perturbation Theory.
DE85702228 **26**-561,650 PC **A03**/MF **A01**

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DE85702187 **26**-561,564 PC **A04**/MF **A01**

JAERI-M-84-030
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DE85702188 **26**-561,565 PC **A08**/MF **A01**

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DE85701088 **24**-556,496 PC **A13**/MF **A01**

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DE85701060 **24**-556,751 PC **A07**/MF **A01**

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DE85701123 **22**-551,595 PC **A03**/MF **A01**

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DE85700999 **22**-551,057 PC **A04**/MF **A01**

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DE85701363 **25**-559,090 PC **A05**/MF **A01**

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DE85701089 **24**-556,497 PC **A05**/MF **A01**

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DE85701389 **25**-559,093 PC **A06**/MF **A01**

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DE85702229 **26**-561,930 PC **A05**/MF **A01**

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DE85702195 **26**-561,572 PC **A05**/MF **A01**

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DE85701029 **23**-553,959 PC **A03**/MF **A01**

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DE85701111 **23**-553,965 PC **A04**/MF **A01**

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DE85702189 **26**-561,566 PC **A11**/MF **A01**

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DE85700992 **22**-551,695 PC **A03**/MF **A01**

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DE85701112 **23**-553,966 PC **A06**/MF **A01**

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DE85701642 **25**-559,202 PC **A05**/MF **A01**

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DE85701081 **24**-556,322 PC **A03**/MF **A01**

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DE85701325 **25**-559,088 PC **A14**/MF **A01**

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DE85702191 **26**-561,568 PC **A21**/MF **A01**

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DE85702181 **26**-561,559 PC **A04**/MF **A01**

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DE85701369 **25**-559,249 PC **A03**/MF **A01**

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DE85701859 **26**-561,924 PC **A03**/MF **A01**

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DE85701860 **26**-560,509 PC **A03**/MF **A01**

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DE85702196 **26**-561,573 PC **A09**/MF **A01**

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DE85702197 **26**-561,574 PC **A08**/MF **A01**

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DE85701375 **25**-559,140 PC **A03**/MF **A01**

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DE85701626 **25**-559,199 PC **A07**/MF **A01**

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DE85701668 **25**-559,147 PC **A03**/MF **A01**

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DE85701351 **25**-559,337 PC **A04**/MF **A01**

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DE85702171 **26**-561,646 PC **A04**/MF **A01**

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DE85701580 **24**-556,928 PC **A04**/MF **A01**

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DE85702192 **26**-561,569 PC **A04**/MF **A01**

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DE85702200 **26**-561,577 PC **A03**/MF **A01**

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DE85702173 **26**-561,647 PC **A03**/MF **A01**

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DE85701615 **25**-559,931 PC **A04**/MF **A01**

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DE85702201 **26**-561,478 PC **A03**/MF **A01**

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DE85701319 **25**-558,930 PC **A07**/MF **A01**

JAERI-M-84-092
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DE85701295 **25**-558,801 PC **A07**/MF **A01**

JAERI-M-84-093
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DE85701296 **25**-558,443 PC **A04**/MF **A01**

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DE85701311 **25**-558,927 PC **A09**/MF **A01**

JAERI-M-84-095
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DE85701575 **24**-556,271 PC **A03**/MF **A01**

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DE85701653 **25**-559,319 PC **A02**/MF **A01**

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DE85702174 **26**-561,648 PC **A07**/MF **A01**

JAERI-M-84-100
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DE85701652 **25**-559,097 PC **A10**/MF **A01**

JAERI-M-84-109
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DE85701582 **24**-556,274 PC **A03**/MF **A01**

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DE85702175 **26**-561,421 PC **A04**/MF **A01**

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DE85702178 **26**-561,557 PC **A07**/MF **A01**

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DE85702176 **26**-561,649 PC **A04**/MF **A01**

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AD-A148 070/6 **04**-*508,204* PC **A04**/MF **A01**

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AD-A148 259/5 **05**-*510,841* PC **A04**/MF **A01**

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AD-A149 703/1 **09**-*518,521* PC **A04**/MF **A01**

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AD-A150 503/1 **10**-*522,562* PC **A04**/MF **A01**

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AD-A152 075/8 **13**-*528,585* PC **A04**/MF **A01**

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AD-A153 578/0 **16**-*535,498* PC **A04**/MF **A01**

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AD-A155 419/5 **19**-*542,438* PC **A04**/MF **A01**

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AD-A156 302/2 **21**-*547,376* PC **A03**/MF **A01**

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ED-253 243 **16**-*535,613* Not available NTIS

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CONF-8208200-
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DE85780122 **15**-*532,944* PC **A13**/MF **A01**

CONF-8209227-
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DE84780378 **01**-*500,732* PC **A06**/MF **A01**

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DE84780539 **09**-*518,640* PC **A11**/MF **A01**

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DE85781282 **25**-*558,117* PC **A09**/MF **A01**

CONF-8311257-
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DE85781533 **26**-*560,358* PC **A04**/MF **A01**

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DE84780539 **09**-*518,640* PC **A11**/MF **A01**

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DE85781282 **25**-*558,117* PC **A09**/MF **A01**

IAEA-TECDOC-307
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IAEA-TECDOC-312
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DE85001604 **04**-508,814 PC **A02**/MF **A01**

NAS 1.26:174164
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(NASA-CR-174164)
N85-13704/0 **07**-514,392 PC **A02**/MF **A01**

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N85-17915/8 **11**-523,338 PC **A02**/MF **A01**

State-Resolved Molecular Reaction Dynamics.
(ARO-18660.7-PH, AFOSR-TR-84-1254)
AD-A150 134/5 **09**-518,855 Not available NTIS

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AD-A150 156/8 **10**-521,670 Not available NTIS

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AD-A155 911/1 **21**-547,743 PC **A02**/MF **A01**

Rate Data for Inelastic Collision Processes in the Diatomic Halogen Molecules.
PB85-116226 **05**-511,242 Not available NTIS

Optical Frequency Standards. Progress and Applications.
PB85-130144 **08**-517,293
(Order as PB85-130078, PC **A99**/MF **A01**)

New, Portable, Absolute Gravimeter.
PB85-130639 **08**-516,486
(Order as PB85-130078, PC **A99**/MF **A01**)

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PB85-130647 **08**-517,215
(Order as PB85-130078, PC **A99**/MF **A01**)

New Laboratory Test of the Equivalence Principle.
PB85-131282 **08**-518,124
(Order as PB85-130078, PC **A99**/MF **A01**)

Relativistic Time Dilation: A Latter-Day Ives-Stillwell Experiment.
PB85-131340 **08**-518,130
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Possible Laser Gravitational Wave Experiment in Space.
PB85-131381 **08**-518,134
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DE84780157 **09**-519,938 PC **A08**/MF **A01**

CONF-820658
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DE84780542 **03**-507,602 PC **A23**/MF **A01**

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CONF-8309239-3
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2 exp - Resonances in the pi exp + pi exp - pi exp - Systems.
DE85701799 **25**-559,597 PC **A02**/MF **A01**

JINR-E-2-83-533
Next-Next-to-Leading Perturbative QCD Corrections and Light Quark Masses.
DE84702541 **01**-502,507 PC **A02**/MF **A01**

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DE85701664 **25**-558,978 PC **A02**/MF **A01**

JINR-R-1-2-13-83-81
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JINR-R-1-83-577
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DE84702874 **08**-517,926 PC **A02**/MF **A01**

JINR-R-4-84-355
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DE85701832 **26**-561,817 PC **A02**/MF **A01**

JINR-R-7-83-57
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DE85700818 **18**-540,345 PC **A02**/MF **A01**

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DE85701553 **24**-556,945 PC **A02**/MF **A01**

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DE85701720 **25**-559,737 PC **A02**/MF **A01**

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Tuning and Control of Wire Spark Chambers for Hyperon Spectrometer.
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JINR-19-83-743
Role of DNA Repair in the Realization of Oxygen Effect in Bacteria ESCHERICHIA COLI Irradiated with Various Types of Radiation (Theoretical Analysis). The LET Dependence of Oxygen Effect. The Induction of Basic Types of DNA Damage and Their Modification by Oxygen.
DE84702935 **10**-521,619 PC **A02**/MF **A01**

JOINT INST. FOR NUCLEAR RESEARCH, DUBNA (USSR). DEPT. OF NEW ACCELERATION METHODS.

CONF-8305189-1
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DE84702394 **03**-506,105 PC **A02**/MF **A01**

JINR-R-9-82-592
Choice of the Injection Scheme with a Fast-Varying Magnetic Field in an Adhezator of a Collective Accelerator.
DE84702676 **06**-514,106 PC **A02**/MF **A01**

JINR-R-9-83-349
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DE84702677 **01**-502,447 PC **A02**/MF **A01**

JINR-R-9-83-361
Interaction of Electron Bunch, Moving in Decelerating Structure with an Impulse of Accelerating Field of Finite Accumulated Energy.
DE84702678 **01**-502,448 PC **A02**/MF **A01**

JINR-R-9-83-501
Development of Laser Source of Neutral Atoms for a Collective Accelerator.
DE84702356 **01**-502,442 PC **A02**/MF **A01**

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Operation Regimes of U-70 Synchrotron Intense Proton Beam Rebunching Station.
DE85700910 **20**-546,547 PC **A02**/MF **A01**

JINR-R-9-83-856
KUTI-20 Accelerator. Commissioning of the SILUND-20 - Adgezator- 20 Complex in the Electron Ring Compression Regime.
DE85700911 **20**-546,548 PC **A02**/MF **A01**

JINR-R-9-83-862
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DE85700909 **20**-546,546 PC **A02**/MF **A01**

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DE85701086 **24**-556,756 PC **A02**/MF **A01**

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DE85701890 **25**-559,495 PC **A02**/MF **A01**

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Digital 3-Channel Analyzer in the CAMAC Standard.
DE84780460 **01**-502,166 PC **A02**/MF **A01**

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DE84702372 **02**-504,482 PC **A02**/MF **A01**

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Mini-Computer Control of a Crystal Diffraction Spectrometer.
DE84780461 **01**-501,966 PC **A02**/MF **A01**

JINR-R-13-83-502
Energy Distribution of Laser Plasma Neutral Atoms.
DE84702217 **03**-507,660 PC **A02**/MF **A01**

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DE84702963 **09**-520,241 PC **A02**/MF **A01**

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DE84702126 **01**-502,436 PC **A02**/MF **A01**

JINR-9-83-772
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DE84702964 **05**-512,471 PC **A02**/MF **A01**

JINR-9-83-837
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JINR-9-83-838
Some Special Properties of KUTI-20 Adgezator Power Supply System.
DE84702966 **08**-517,807 PC **A02**/MF **A01**

JINR-9-83-846
KUTI-20 Adgezator Design. Force Block, Chamber.
DE85700924 **20**-546,561 PC **A02**/MF **A01**

JINR-9-83-896
Equipment and Organization of Power Supply Systems of Filament of Hydrogen Generator in TGI1-2500/50 Thyratrons Applied in SILUND Type Accelerators.
DE85700925 **20**-546,562 PC **A02**/MF **A01**

JINR-9-84-2
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DE85700926 **20**-546,563 PC **A02**/MF **A01**

JINR-9-84-4
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DE85701071 **24**-556,761 PC **A02**/MF **A01**

JINR-10-83-297
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JINR-11-83-782
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DE84702958 **05**-512,467 PC **A02**/MF **A01**

JINR-11-84-505
Numerical Simulation of Electron-Ion Beam Dynamics.
DE85701891 **25**-559,496 PC **A02**/MF **A01**

JINR-13-83-807
Using Laser Plasma for Pulsed Atomic Flux Diagnostics.
DE85700734 **22**-551,495 PC **A02**/MF **A01**

JINR-13-83-828
Recording Device for Drift Chambers of a Neutrino Detector.
DE85700770 **22**-551,109 PC **A02**/MF **A01**

JINR-13-83-861
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DE84702960 **05**-512,469 PC **A02**/MF **A01**

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JINR-R-9-11255 **20**-546,577 PC **A02**/MF **A01**

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Theoretical and Experimental Stopping Powers for Heavy Charged Particles in TL Phosphors.

DE84703004 04-510,005 PC A02/MF A01

JINR-R-16-83-901
Energy Dependence of the gamma Detection Efficiency for CaSO sub 4 (Dy) and BaSO sub 4 (Dy) Thermoluminescent Detectors.
DE85700750 22-551,095 PC A02/MF A01

JINR-10-83-366
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DE84702691 01-502,158 PC A02/MF A01

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JINR-E-5-83-882
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Simulation of Inelastic High Energy Hadron Collisions.
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Application of Stochastic Calculation Methods in Modern Problems of Quantum Field Theory.
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Effective Method of Quark Propagator Calculation in the Lattice Quantum Chromodynamics.
DE84702815 08-517,879 PC A02/MF A01

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Applicability of the Queueing Systems with Infinite Number of Channels for Some High-Energy Physics Problems.
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Integral Equations and Addition Formulae for Polyspheroidal Periodical Functions.
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Limiting Properties of a Modified Counter with Prolonging Dead Time.
DE85700748 22-551,094 PC A02/MF A01

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Convergence of Expansions of Continuum Functions on Resonance Wave Functions.
DE85700788 18-541,843 PC A02/MF A01

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Data Compression at a Filmless Data Output from a Streamer Chamber. Pt. 3. Software Imitator of the ASD Special Processor.
DE84701636 01-502,149 PC A02/MF A01

JINR-R-10-83-612
Main Algorithms and Structure of the FILTR Program.
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JINR-R-11,83-146
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DE84780471 01-501,268 PC A02/MF A01

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About Oscillation Regimes of a Three-Dimensional Nonlinear Oscillator.
DE84702755 08-518,075 PC A02/MF A01

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DE84702747 08-518,070 PC A02/MF A01

JINR-R-11-83-871
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DE84703047 03-507,724 PC A02/MF A01

JINR-1-83-847
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DE85700837 18-541,802 PC A02/MF A01

JINR-2-84-426
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DE85701784 25-559,582 PC A02/MF A01

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DE84701639 01-502,152 PC A02/MF A01

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DE84702395 03-506,106 PC A02/MF A01

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DE84702396 03-506,107 PC A02/MF A01

JINR-10-83-503
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DE84702397 03-507,372 PC A02/MF A01

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DE84703048 03-507,566 PC A02/MF A01

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DE84703007 04-510,006 PC A02/MF A01

JINR-10-83-848
Scheme for Particle Track Hologram Processing Using Stereoprojections of the Reconstructed Model.
DE84703008 04-510,007 PC A02/MF A01

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Retrieval and Access of the Information on Decay and Half-Life in the ENSDF File.
DE85702235 26-561,843 PC A02/MF A01

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DE85781309 25-558,199 PC A02/MF A01

JINR-11-83-875
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Simulation of Closed Orbit Correction in the Heavy-Ion Synchrotron.
DE85700914 20-546,551 PC A02/MF A01

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DE84702370 02-504,620 PC A02/MF A01

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DE85781298 25-559,013 PC A02/MF A01

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DE85700688 20-546,698 PC A03/MF A01

CONF-830822-53
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DE85700724 22-551,487 PC A02/MF A01

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JINR-D-1-83-602
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JINR-D-1-83-686
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JINR-D-1-83-865
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JINR-D-1-84-405
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JINR-E-1-82-660
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JINR-E-1-83-84
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JINR-E-1-83-277
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DE84702844 08-517,901 PC A02/MF A01

JINR-E-1-83-334
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JINR-E-1-83-344
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JINR-E-1-83-417
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DE84702272 03-507,486 PC A02/MF A01

JINR-E-1-83-486
Delta -Isobar Excitation in Carbon Nuclei in Charge-Exchange Reaction (Sup 3 He,T) at 4.4-10.7 GeV/C.
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JINR-E-1-83-521
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JINR-E-1-83-563
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JINR-E-1-83-670
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JINR-E-1-83-850
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JINR-E-1-83-851
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JINR-E-1-84-317
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JINR-E-2-83-353
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JINR-E-2-84-12
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JINR-R-1-82-754
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JINR-R-1-82-908
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JINR-R-1-83-96
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DE84702828 **06**-517,891 PC **A02**/MF **A01**

JINR-R-1-83-165
Pi Meson Production in Collisions of Relativistic Nuclei in a Multiple Scattering Model.
DE84702297 **03**-507,501 PC **A02**/MF **A01**

JINR-R-1-83-229
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JINR-R-1-83-306
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JINR-R-1-83-354
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JINR-R-1-83-386
Investigation of the eta Production on Aluminium and Copper Nuclei by pi exp - Mesons at the Momentum of 3.3 GeV/C.
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JINR-R-1-83-430
Partial Coefficients of Inelasticity in Pion-Nucleon and Pion-Carbon Interactions at 40 GeV/C in Central Region and in Fragmentation Regions of Incident Particle and Target.
DE84702101 **03**-507,444 PC **A02**/MF **A01**

JINR-R-1-83-481
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DE84702871 **06**-517,923 PC **A02**/MF **A01**

JINR-R-1-83-483
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JINR-R-1-83-564
Experimental Study of the Pion-Xenon Nucleus Collisions at 3.5 GeV/C. Relative Intensities of Particle Emission.
DE84702872 **06**-517,924 PC **A02**/MF **A01**

JINR-R-1-83-565
Azimuthal Correlations and Dibaryon States in the sup 4 Hep Yields Dppn Reaction.
DE84703237 **20**-546,623 PC **A02**/MF **A01**

JINR-R-1-83-568
Experimental Study of the Pion-Xenon Nucleus Collisions at 3.5 GeV/C. Neutral Pion Production.
DE84702873 **06**-517,925 PC **A02**/MF **A01**

JINR-R-1-83-733
Associative Production of Particles with a Large Transverse Momentum in sup 12 C- sup 181 Ta Interactions at P= 4,2 GeV/C Per Nuclei.
DE85700148 **10**-523,014 PC **A02**/MF **A01**

JINR-R-1-83-805
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DE84703364 **09**-520,377 PC **A02**/MF **A01**

JINR-R-1-83-823
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DE84703365 **09**-520,378 PC **A02**/MF **A01**

JINR-R-1-83-832
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DE84703222 **09**-520,345 PC **A02**/MF **A01**

JINR-R-1-84-79
Quark and Diquark Fragmentation into Strange Particles in pi exp - p Interactions at p= 40 GeV/C.
DE85700858 **20**-546,719 PC **A02**/MF **A01**

JINR-R-1-84-311
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DE85701800 **25**-559,598 PC **A02**/MF **A01**

JINR-R-1-84-532
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DE85701845 **26**-561,830 PC **A02**/MF **A01**

JINR-R-1-84-552
Total Disintegration of Lead Nuclei by sup 12 C Nuclei at 4.5 A GeV/C Momentum.
DE85701855 **26**-561,840 PC **A02**/MF **A01**

JINR-R-2-83-586
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DE84702408 **01**-502,577 PC **A02**/MF **A01**

JINR-R-2-83-607
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DE84702420 **01**-502,358 PC **A02**/MF **A01**

JINR-R-2-84-71
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DE85700803 **18**-541,854 PC **A02**/MF **A01**

JINR-R-7-83-573
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DE84702418 **01**-501,055 PC **A02**/MF **A01**

JINR-R-7-83-627
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JINR-R-8-83-60
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JINR-R-9-83-777
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JINR-R-13-84-285
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DE84702454 **01**-502,535 PC **A02**/MF **A01**

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JINR-1-83-603
Angular and Energy Distributions of gamma-Quanta Emitted at Relativistic Positron Channeling.
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JINR-1-83-640
Radiation of 10 GeV Electrons in Silicon Monocrystal During Axial Channeling.
DE85700636 **20**-546,486 PC **A02**/MF **A01**

JINR-1-83-652
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JINR-1-83-662
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DE84703015 **03**-507,565 PC **A02**/MF **A01**

JINR-1-83-725
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DE84702766 **09**-520,707 PC **A02**/MF **A01**

JINR-1-83-726
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JINR-1-83-731
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N85-12903/9 07-*515,220* PC **A09**/MF **A01**

KU-FRL-568-2
Application of Two-Dimensional Unsteady Aerodynamic to a Free-Tip Rotor Response Analysis.
(NASA-CR-177348)
N85-29933/7 22-*549,283* PC **A04**/MF **A01**

NAS 1.26:3863
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(NASA-CR-3863)
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NAS 1.26:165800
VORCAM: A Computer Program for Calculating Vortex Lift Effect of Cambered Wings by the Suction Analogy.
(NASA-CR-165800)
N84-33387/1 01-*500,013* PC **A06**/MF **A01**

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N85-10921/3 04-*507,884* PC **A11**/MF **A01**

NAS 1.26:168576
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NAS 1.26:171863
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N85-27322 19-*542,157* PC **A04**/MF **A01**

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NAS 1.26:172419
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N85-12903/9 07-*515,220* PC **A09**/MF **A01**

NAS 1.26:174341
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(NASA-CR-174341)
N85-17256/7 11-*524,266* PC **A12**/MF **A01**

NAS 1.26:175523
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SM-9
Effects of Traffic Induced Vibrations on Bridge Deck Repairs.
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SM-13
Negative Moment Region Shear Strength of Lightly Reinforced T-Beams.
(NSF/CEE-84015)
PB85-132108 05-*512,036* PC **A06**/MF **A01**

TR-617-1
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AD-A151 363/9 12-*527,672* PC **A03**/MF **A01**

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AD-A150 922/3 11-*524,293* PC **A02**/MF **A01**

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CONTRIB-244
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KU-SFB-80/T/228
Calculation of Oscillating Turbulent Flows in Open Channels.
N85-20289/3 **14**-*532,578* PC **A02**/MF **A01**

KU-SFB-210/E/4
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N85-27186/4 **19**-*544,011* PC **A06**/MF **A01**

KU-SFB-210/E/5
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N85-20290/1 **14**-*532,579* PC **A02**/MF **A01**

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N85-21648/9 **14**-*530,937* PC **A04**/MF **A01**

LE-484/1-2
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REPT-23/83
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NP-5770096
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DE85770096 **08**-*518,276* PC **A06**/MF **A01**

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NP-4770438
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DE84770438 **01**-*502,378* PC **A08**/MF **A01**

NP-4770464
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DE84770464 **02**-*504,365* PC **A08**/MF **A01**

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INIS-mf-8256
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NP-5770282
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NP-4770512
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DE84770512 **08**-*518,214* PC **A09**/MF **A01**

NP-4770513
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DE84770513 **05**-*511,223* PC **A13**/MF **A01**

NP-4770525
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DE84770525 **09**-*519,367* PC **A07**/MF **A01**

NP-5770047
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INIS-mf-8880
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DE85780120 **11**-*523,936* PC **A07**/MF **A01**

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NP-4770495
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NP-4770497
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DE84770497 **06**-*513,910* PC **A08**/MF **A01**

NP-5770128
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DE85770128 **12**-*526,621* PC **A08**/MF **A01**

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NP-5770060
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NP-5770209
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DE85770209 **20**-*545,966* PC **A08**/MF **A01**

NP-5770325
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INIS-mf-8766
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BMFT-FB-T-84-261
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NP-5770152
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NP-5770207
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NP-5770202
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NP-4770505
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NP-4770507
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INIS-mf-8896
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NP-4770515
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DE84770515 09-518,320 PC A13/MF A01

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SFB-80/T/216
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DE84752269 09-520,205 PC A03/MF A01

SFB-80/T/223
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SFB-210/ET-12
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DE85752314 24-555,396 PC A11/MF A01

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REPT-172
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R-84-FU-05
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PB85-164127 11-523,752 PC E05/MF E01

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PB85-137065 **06**-*513,742* PC **A06**/MF **A01**

IMMR82-075
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PB85-138063 **06**-*514,273* PC **A17**/MF **A01**

IMMR82-076
Amine Distributions and Average Base Strengths of Amine Mixtures from SCR-I (Solvent Refined Coal) Samples.
PB85-117596 **03**-*505,814* PC **A05**/MF **A01**

IMMR82-077
Testing of Limestone Samples from the TVA (Tennessee Valley Authority) Region as Sulfur Dioxide Sorbents in Atmospheric Fluidized Bed Combustors.
PB85-126308 **04**-*509,711* PC **A04**/MF **A01**

IMMR83-078
Mechanical Properties and Corrosion Behavior of Materials Exposed to an Experimental Atmospheric Fluidized Bed Combustor.
PB85-129823 **05**-*511,709* PC **A03**/MF **A01**

IMMR83-079
Design Report on the Atmospheric Fluidized Bed Combustor at the Kentucky Center for Energy Research Laboratory.
PB85-138915 **07**-*515,092* PC **A03**/MF **A01**

IMMR83-080
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PB85-149128 **06**-*516,542* PC **A05**/MF **A01**

IMMR83-082
Coal Liquids Distillation Tower Corrosion. Chloride Pathways in the Wilsonville, Alabama SRC-1 Pilot Plant when Processing a High Chloride Coal.
PB85-159846 **10**-*521,662* PC **A02**/MF **A01**

IMMR83-083
Kentucky Energy Resource Utilization Program.
PB85-166015 **11**-*524,162* PC **A08**/MF **A01**

IMMR83-084
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PB85-159432 **10**-*522,328* PC **A10**/MF **A01**

IMMR83-086
Coal Resources of the Hazard District, Kentucky: Breathitt, Knott, Leslie, Perry and Parts of Harlan and Letcher Counties.
PB85-156339 **10**-*521,886* PC **A04**/MF **A01**

IMMR83-087
Coal Resources of the Big Sandy District, Kentucky: Floyd, Johnson, Martin, and Pike Counties.
PB85-159820 **10**-*521,888* PC **A04**/MF **A01**

IMMR83-089
Proceedings: Eastern Oil Shale Symposium (1983) Held at Hyatt Regency, Lexington, Kentucky on November 13-16, 1983.
PB85-166023 **11**-*525,796* PC **A18**/MF **A01**

IMMR84-091
Effect of Surface Mulching on Infiltration, Runoff, and Erosion on Reconstructed Soils.
PB85-174951 **13**-*529,680* PC **A06**/MF **A01**

IMMR84-092
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PB85-174464 **14**-*531,597* PC **A10**/MF **A01**

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PB85-174944 **14**-*532,068* PC **A05**/MF **A01**

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IMMR84-096
New Voidage Correlation for Liquid Fluidized Beds Containing Porous Spherical Shaped Solid Particles.
PB85-169894 **11**-*523,940* PC **A03**/MF **A01**

IMMR84-097
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PB85-168458 **12**-*526,623* PC **A04**/MF **A01**

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PB85-187961 **15**-*533,467* PC **A04**/MF **A01**

IMMR84-099
Testing of Western Kentucky No. 9 Coal in an Atmospheric Fluidized Bed Combustor.
PB85-189801 **15**-*535,236* PC **A08**/MF **A01**

IMMR84-101
Directory of Translators in Kentucky.
PB85-177590 **14**-*531,029* PC **A03**/MF **A01**

IMMR84-104
Testing of Western Kentucky No. 11 Coal in an Atmospheric Fluidized Bed Combustor.
PB85-180917 **14**-*532,127* PC **A08**/MF **A01**

IMMR84-105
Testing of Eastern Kentucky Amburgy Coal in an Atmospheric Fluidized Bed Combustor.
PB85-180933 **14**-*532,129* PC **A08**/MF **A01**

IMMR84-108
Primary Liquefaction Behavior of a Typical Kentucky No. 9 and Kentucky No. 11 Washed Coal Samples in Liquefaction Solvents of Different Hydrogen Donor Strength.
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IMMR84-111
Sulfur Compounds in the H-Coal Synfuel: Part 1, IBP-180F.
PB85-178382 **14**-*532,828* PC **A02**/MF **A01**

IMMR84-113
Characterization of Tar from Kentucky Tar Sands: Trace Element Work.
PB85-178630 **14**-*532,829* PC **A02**/MF **A01**

IMMR84-114
Testing of Eastern Kentucky Hazard Coal in an Atmospheric Fluidized Bed Combustor.
PB85-180925 **14**-*532,128* PC **A08**/MF **A01**

IMMR84-119
Testing of Oregon Dolomite from Central Kentucky in an Atmospheric Fluidized Bed Combustor.
PB85-181048 **14**-*532,131* PC **A09**/MF **A01**

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Influence of Continuous Miner Bit Sharpness and Coal Lithotype Composition on Coal Breakage: Examples from Kentucky Mines.
PB85-193787 **16**-*535,947* PC **A17**/MF **A01**

IMMR84-122
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PB85-200632 **18**-*541,160* PC **A10**/MF **A01**

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PB85-177491 **14**-*532,095* PC **A04**/MF **A01**

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RR-149
Discharge and Travel Time Determinations in the Royal Spring Groundwater Basin, Kentucky.
(USGS/G-844(07))
PB85-214765 **20**-*545,101* PC **A04**/MF **A01**

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PB85-214666 **20**-*544,766* PC **A03**/MF **A01**

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Impact Assessment of Coal Slurry Pipelines on Water Resources Utilization and Allocation.
(USGS/G-844(06))
PB85-214609 **20**-*545,876* PC **A06**/MF **A01**

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Wetlands and Coal Surface Mining: A Management Handbook with Particular Reference to the Illinois Basin of the Eastern Interior Coal Region.
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RR-155
Finite Element Simulation of Saturated-Unsaturated Subsurface Flow.
(USGS/G-844(03))
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PB85-241016 **25**-*558,691* PC **A13**/MF **A01**

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CHEM2D: A Two-Dimensional, Three-Phase, Nine-Component Chemical Flood Simulator. Volume 1. CHEM2D Technical Description and FORTRAN Code.
DE85000120 **13**-*529,075* PC **A10**/MF **A01**

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DE85007362 **15**-*533,712* PC **A05**/MF **A01**

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DE84012730 **03**-*505,993* PC **A03**/MF **A01**

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DE85780884 **20**-*546,819* PC **A03**/MF **A01**

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Study on the Construction of a Combined Cooler-Synchroton Ring at the KFA Juelich (COSY Study).
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Methods for Ecotoxicological Evaluation of Chemicals. Vol. 4.
DE85751864 **20**-*544,900* PC **A05**/MF **A01**

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Entstehung, Verarbeitung und Verbreitung von Wissenschaftsnachrichten AM Beispiel von 20 Forschungseinrichtungen (Origin, Processing, and Dissemination of Scientific News, with Examples from 20 Research Institutes)
N85-28882/7 **20**-*544,661* PC **A15**/MF **A01**

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DE85770121 **12**-*527,006* PC **A03**/MF **A01**

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Juel-1915
Aerosol Size Characteristics in Selected Working Areas.
DE85750098 **12**-*527,823* PC **A04**/MF **A01**

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Deposition and Retention of Air Pollutants on Vegetation and Other Atmospheric Interfaces.
DE85751871 **26**-*560,349* PC **A17**/MF **A01**

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DE85750725 **16**-*536,614* PC **A10**/MF **A01**

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Juel-Spez-245
Statistical Trend Analysis of Dam Failures Since 1850.
DE84752150 **01**-*501,932* PC **A03**/MF **A01**

Juel-Spez-252
Trend Analysis of Boiler Explosions Aboard Ships.
DE84752279 **09**-*519,758* PC **A03**/MF **A01**

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Juel-1942
Importance of Light Hydrocarbons in Multiphase Atmospheric Systems.
DE85750762 **12**-*526,004* PC **A03**/MF **A01**

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N85-17498/5 **11**-*523,372* PC **A03**/MF **A01**

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Juel-Spez-258
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DE85780751 **17**-*538,941* PC **A05**/MF **A01**

Juel-1678
Thermodynamic Study of Alkali Metal Clusters, and Gaseous Molecules in the Lithium Hydride, Oxide and Cyanide Systems.
DE84751629 **03**-*505,880* PC **A07**/MF **A01**

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Juel-Spez-226
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DE85750080 **12**-*527,804* PC **A06**/MF **A01**

Juel-Spez-227
Development and Optimization of a High Temperature Coupling System Thermoanalyzer/Mass Spectrometer.
DE85780759 **16**-*536,596* PC **A06**/MF **A01**

Juel-Spez-239
Reprocessing in the Thorium Fuel Cycle.
DE84751794 **04**-*510,040* PC **A05**/MF **A01**

Juel-Spez-251
Test of the Precision and Accuracy of the Isotopic Analysis of High Enriched Uranium in BISO-Particles.
DE85780758 **17**-*537,687* PC **A02**/MF **A01**

Juel-Spez-259
Distillation Plant for Tritium Enrichment in Metallic Lithium.
DE85750763 **16**-*536,557* PC **A03**/MF **A01**

Juel-Spez-267
Behaviour of Radioactive Krypton-85 in the Deep Sea.
DE85752021 **25**-*559,167* PC **A05**/MF **A01**

Juel-1885
Design Data: Liquid Distributors and Condenser for a Distillation Column to Enrich Tritium in Metallic Lithium.
DE84752310 **11**-*524,943* PC **A03**/MF **A01**

Juel-1892
Separation of Krypton from Dissolver off-Gas of a Reprocessing Plant Using Preparative Gas Chromatography.
DE85752023 **25**-*559,168* PC **A06**/MF **A01**

Juel-1899
Aqueous Chemical Reprocessing of HTR Fuel.
DE84752162 **05**-*512,261* PC **A03**/MF **A01**

Juel-1920
Distribution of Th(NO Sub 3) sub 4 , UO sub 2 (NO Sub 3) sub 2 and HNO sub 3 Between an Aqueous Phase and an Organic Tributyl Phosphate Phase.
DE85780757 **16**-*536,685* PC **A06**/MF **A01**

Juel-1930
Absorptive Separation of NOsub(X) from Dissolver off-Gas.
DE85780749 **16**-*536,684* PC **A03**/MF **A01**

Juel-1935
Formation of Stable Emulsions at Solvent-Extraction Processes During the Reprocessing of Spent Nuclear Fuel.
DE85750767 **16**-*536,633* PC **A06**/MF **A01**

Juel-1953
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DE85751651 **23**-*553,998* PC **A07**/MF **A01**

Juel-1955
Mechanical Separation Process for Decladding of LWR Fuel Elements.
DE85752013 **25**-*559,326* PC **A06**/MF **A01**

KERNFORSCHUNGSANLAGE JUELICH G.M.B.H. (GERMANY, F.R.). INST. FUER FESTKOERPERFORSCHUNG.

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Exotherme Prozesse in Festkoerpern bei Tiefen Temperaturen, Ihre Physik und Ihre Kryotechnischen Implikation (Exothermic Processes in Solids under Low Temperatures, Their Physics and Their Cryogenic Implications).
N85-12651/4 **06**-*514,262* PC **A04**/MF **A01**

Juel-1787
Theory of Two Localized Magnetic Systems.
DE84780032 **09**-*520,190* PC **A05**/MF **A01**

Juel-1824
Core-Level XPS Studies of Ce and La Intermetallic Compounds and Their Implications for the 4F Levels of Ce Compounds.
DE84752115 **10**-*523,101* PC **A04**/MF **A01**

JUEL-1910
Magnetooptische Untersuchungen an Epitaktischen EuS-Schichten und (EuS-/SrS)-Schichtsystemen (Magneto-Optical Studies of Epitaxial EuS Films and (EuS/SrS) Layer Systems).
N84-34302/9 **01**-*502,640* PC **A04**/MF **A01**

JUEL-1919
Exotherme Prozesse in Festkoerpern bei Tiefen Temperaturen, Ihre Physik und Ihre Kryotechnischen Implikation (Exothermic Processes in Solids under Low Temperatures, Their Physics and Their Cryogenic Implications).
N85-12651/4 **06**-*514,262* PC **A04**/MF **A01**

Juel-1923
High-Temperature Helium Embrittlement (T> = 0,45Tsub(M)) Of Metals.
DE85751139 **22**-*550,465* PC **A06**/MF **A01**

Juel-1941
Influence of Conduction Electrons in Rare Earths on the Crystal Field State in Metals - an Investigation by Inelastic Neutron Scattering.
DE85751548 **21**-*549,168* PC **A06**/MF **A01**

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D-5
Diffusion in Metallen Unter Dem Einfluss von Hohen Mechanischen Spannungen und Beschleunigungen (Diffusion in Metals under High Mechanical Strain and Acceleration).
N85-15887/1 **10**-*522,132* PC **A06**/MF **A01**

JUEL-1913
Diffusion in Metallen Unter Dem Einfluss von Hohen Mechanischen Spannungen und Beschleunigungen (Diffusion in Metals under High Mechanical Strain and Acceleration).
N85-15887/1 **10**-*522,132* PC **A06**/MF **A01**

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Juel-Spez-241
Application of the Quasiparticle-Random-Phase Approximation in the Region of the Semi-Magic Nucleus sub 64146 Gd sub 82.
DE84751954 **08**-*517,949* PC **A06**/MF **A01**

Juel-Spez-255
Kernforschungsanlage Juelich, Institut fuer Kernphysik (Federal Republic of Germany): Annual Report 1983.
DE85750011 **09**-*520,562* PC **A09**/MF **A01**

Juel-Spez-280
Spectra of Nuclei in the Lead Region in the Framework of the RPA with OBE-G-Matrix Interactions.
DE85751877 **26**-*561,848* PC **A09**/MF **A01**

Juel-1927
Elastic Deuteron Scattering in the Energy Range Between 50 and 85 MeV.
DE85750527 **15**-*534,912* PC **A08**/MF **A01**

Juel-1933
Coulomb Interaction in Atomic and Nuclear Physics: Inner-Shell Excitation, Coulomb Dissociation of Nuclei, and Nuclear Polarizability in Electronic Atoms.
DE85750704 **15**-*534,945* PC **A07**/MF **A01**

KFK-3638
Liquid Ionization Chamber Using Tetramethylsilane.
DE84751347 **01**-*502,162* PC **A02**/MF **A01**

Isotope Shifts of K X-rays of Lead.
PB85-130696
08-*516,453*
(Order as PB85-130078, PC **A99**/MF **A01**)

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Juel-1897
Retention of Incorporated Radionuclides after Variable Application of Gamma-Rays.
DE84752160 **10**-*521,624* PC **A06**/MF **A01**

Juel-1974
Concentrations of 15 Trace Elements in Some Selected Adult Human Tissues and Body Fluids of Clinical Interest from Several Countries: Results from a Pilot Study for the Establishment of Reference Values.
DE85752360 **25**-*557,852* PC **A08**/MF **A01**

KERNFORSCHUNGSANLAGE JUELICH G.M.B.H. (GERMANY, F.R.). INST. FUER NUKLEARCHEMIE.

Juel-1851
Studies on 'Carrier-Free' Radiohalogenation of Receptor-Binding 1,4-Benzodiazepines with exp 18 F, exp 75 Br and exp 123 I.
DE85750997 **19**-*543,822* PC **A08**/MF **A01**

Juel-1918
Investigations on Reactions of Nucleogenic Bromine Species with Aromatics in High-Moderated Gaseous Phase Systems.
DE85780747 **17**-*537,685* PC **A05**/MF **A01**

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Juel-Spez-235
Special Analyses of the Temperature and Fission Product Behaviour of HTR-MODUL Plants.
DE84752163 **08**-*517,504* PC **A05**/MF **A01**

Juel-Spez-240
Safety Related Studies on the Accident Behaviour of the HTR-500.
DE84751816 **02**-*504,661* PC **A11**/MF **A01**

Juel-Spez-260
Accident Behaviour of the HTR-Module.
DE85751549 **20**-*546,372* PC **A04**/MF **A01**

Juel-Spez-273
Gas Exchange Between a Helium Filled Vessel and the Environment Via a Vertically Installed Tube in Relation to the HTR Module.
DE85751547 **20**-*546,371* PC **A03**/MF **A01**

Juel-Spez-275
Evaluation of Radiation Doses in the Surroundings of the THTR-300 Caused by a Hypothetical Core Heat-Up Accident.
DE85751644 **23**-*553,897* PC **A03**/MF **A01**

Juel-1875
Kinetics of the Graphite/Oxygen Reaction in the in-Pore Diffusion Controlled Regime. Pt. 1.
DE84751631 **04**-*510,105* PC **A05**/MF **A01**

Juel-1916
PRIAMUS. A Computer Code for the Determination of Thermophysical Properties of Gas Mixtures of O sub 2 , N sub 2 , CO, CO sub 2 , He, H sub 2 O, H sub 2 and CH sub 4.
DE85750468 **08**-*516,421* PC **A04**/MF **A01**

JUEL-1916
PRIAMUS: Ein Rechenprogramm zur Bestimmung Thermophysikalischer Stoffwerte von Gasmischungen Aus O2, N2, CO, CO7, He, H2O, H2 und CH4 (PRIAMUS, a Computer Program for the Calculation of Thermophysical Properties of Gas Mixtures Containing O2, N2, CO, CO2, He, H2O, H2, CH4).
N85-13002/9 **07**-*514,703* PC **A04**/MF **A01**

Juel-1951
Passive Afterheat Removal in the HTGR with the Liner Cooling System as a Heat Sink.
DE85751550 **20**-*546,206* PC **A03**/MF **A01**

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CONF-8405233-1
System with High Resolution for Analogue Recording and Digital Processing of Measured Values in Fusion Research.
DE84752302 **11**-*524,941* PC **A03**/MF **A01**

Juel-1829
Transport Properties of Drift Waves.
DE84751811 **03**-*507,668* PC **A02**/MF **A01**

Juel-18/6
Examinations for the Determination of the Flux Density of Sputtered Iron Using Laser Induced Fluorescence.
DE85750078 **20**-*546,095* PC **A07**/MF **A01**

Juel-1890
Rippling and Drift Instabilities in the Straight Cylinder Tokamak.
DE84752134 **11**-*524,935* PC **A02**/MF **A01**

Juel-1898
ECE Diagnostic System on TEXTOR.
DE84752286 **11**-*525,514* PC **A03**/MF **A01**

Juel-1909
System with High Resolution for Analogue Recording and Digital Processing of Measured Values in Fusion Research.
N84-33786/4 **01**-*502,009* PC **A03**/MF **A01**

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DE85750765 **17**-*538,872* PC **A02**/MF **A01**

Juel-1947
Boundary-Layer Configuration of Tokamaks: Development and Application of Stochastic Models to Describe Neutral Gas Behaviour.
DE85750775 **17**-*539,430* PC **A09**/MF **A01**

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Juel-1958
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DE85752095 **25**-*557,237* PC **A08**/MF **A01**

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KFK-3742
Static and Dynamic Experiments for the Retention of Cesium in Nitrate Containing, Nitric Acid Solutions.
DE85751552 **20**-*546,268* PC **A03**/MF **A01**

PWA-91/84
Static and Dynamic Experiments for the Retention of Cesium in Nitrate Containing, Nitric Acid Solutions.
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BG-Trans-6345
Methanation of Synthesis Gas in a Cooled Reactor.
DE85900919 **12**-*528,228* PC **A02**

Juel-1893
Effective Thermal Conductivity in Packed Beds of Spheres Especially in the Core of a High Temperature Reactor.
DE84752159 **08**-*512,320* PC **A04**/MF **A01**

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Juel-Spez-263
Hazard Potential of the Radioactive Waste Produced by Nuclear Reactors in Comparison with That of the Natural Uranium Depositories in the FRG.
DE85750705 **17**-*539,024* PC **A06**/MF **A01**

Juel-Spez-265
Acid Rain, Heavy Metals and Uptake of Pollutants by Plants.
DE85750760 **12**-*526,374* PC **A04**/MF **A01**

JUEL-SPEZ-288
Hot Isostatic Pressing (HIP): Techniques, Applications and Economical Use.
N85-28141/8 **20**-*545,889* PC **A05**/MF **A01**

Juel-1700
Development and Testing of an Experimental Facility for the Production of Solar High Temperature Heat (800 deg C-1000 deg C) to Investigate Energy Storage in Reversible Thermochemical Cycles.
DE82902338 **24**-*555,888* PC **A07**/MF **A01**

Juel-1872
Safety Conception of the High Temperature Reactor with Natural Heat Removal Decay in the Case of Accidents.
DE84751528 **05**-*512,311* PC **A06**/MF **A01**

Juel-1880
Model Experiments to Determine the Effect of Inhibitive Oxide Layers on Metals Against Hydrogen Permeation.
DE84751791 **03**-*506,432* PC **A08**/MF **A01**

Juel-1886
Fission Product Retention in the Core of the Low Powered High Temperature Reactor under Accident Conditions.
DE84751798 **03**-*507,106* PC **A06**/MF **A01**

Juel-1888
Installation of a Three-Dimensional Simulation Method for Core-Physical Description of Pebble Bed Reactors with Multiple Recycling Process at the Example of the AVR.
DE84751924 **05**-*512,372* PC **A05**/MF **A01**

Juel-1902
Installation of a Programme System for Determination of HEU/LEU-Equilibrium-Combined Cores for Pebble Bed Reactors and Applicaton to the AVR-Reactor.
DE84752330 **11**-*525,227* PC **A08**/MF **A01**

Juel-1905
Investigation for Attaining the Optimal Yield of Oil Shale by Integrating High Temperature Reactors.
DE85750488 **15**-*535,203* PC **A07**/MF **A01**

Juel-1908
Numerical Simulation of the Facility Behaviour of a High Temperature Reactor under Water Ingress Accidents at the Example of the AVR.
DE85750101 **12**-*527,838* PC **A06**/MF **A01**

Juel-1912
Theoretical and Experimental Research of Natural Convection in the Core of the High Temperature Pebble Bed Reactor.
DE85750102 **13**-*530,210* PC **A06**/MF **A01**

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DE85750075 **12**-*527,121* PC **A03**/MF **A01**

Juel-1938
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DE85750528 **17**-*537,667* PC **A07**/MF **A01**

Juel-1945
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DE85750761 **12**-*527,271* PC **A04**/MF **A01**

Juel-1946
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DE85751115 **15**-*533,905* PC **A05**/MF **A01**

Juel-1950
Analysis of the Risk Assessment of a Waste Repository for Radioactive Waste from the Decommissioning of Nuclear Power Plants.
DE85751650 **23**-*553,997* PC **A08**/MF **A01**

Juel-1960
Validation of the Intra-Nuclear-Cascade-Evaporation Model for Particle Production.
DE85751639 **22**-*551,622* PC **A09**/MF **A01**

Juel-1961
Conception of a Modular HTR-Process Heat Facility with Optimization of the Pressure Level.
DE85751883 **26**-*561,658* PC **A09**/MF **A01**

KFK-3779
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D-82
Investigation of the Isothermal Precipitation Behavior of Nickel-Base Alloys Using Electrochemical Phase Extraction.
N85-13958/2 **08**-*516,903* PC **A07**/MF **A01**

D-82
Effect of the Test Atmosphere on the Formation and Propagation of Creep Cracks in Commercial High Temperature Alloys.
N85-16221/2 **10**-*522,497* PC **A09**/MF **A01**

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Investigation of the Isothermal Precipitation Behavior of Nickel-Base Alloys Using Electrochemical Phase Extraction.
N85-13958/2 **08**-*516,903* PC **A07**/MF **A01**

JUEL-1904
Contribution to the High Temperature Deformation Behavior of the Austenitic Steel 1.4981 after Neutron Irradiation.
N84-33584/3 **01**-*501,554* PC **A06**/MF **A01**

JUEL-1939
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N85-16221/2 **10**-*522,497* PC **A09**/MF **A01**

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Juel-Spez-247
Research for the Safety of the Nuclear Fuel Cycle.
DE84752290 **10**-*522,684* PC **A03**/MF **A01**

Juel-Spez-248
Establishment of the Fundamentals for a Catalogue of Rules Governing the Design of HTR Components for Temperatures Above 800 deg C.
DE85780746 **16**-*536,671* PC **A10**/MF **A01**

Juel-Spez-254
Storage Characteristics of Spent HTR Fuel Elements in Transport and Storage Containers of Modular Cast Iron.
DE85750290 **16**-*536,632* PC **A05**/MF **A01**

Juel-1863
Oxidation Behaviour of Coat-Mix-Materials in Air at Temperatures of About 800 K.
DE85750070 **12**-*528,212* PC **A08**/MF **A01**

Juel-1871
Silicon Carbide Coatings of Nuclear Fuel Particles.
DE85750071 **11**-*525,287* PC **A04**/MF **A01**

Juel-1881
Investigation of the Use of Discharge Gases Such as Air, N sub 2 , O sub 2 , Ar, He in Laser Localized Emission-Spectroscopic Analysis of Graphitic Materials.
DE84751814 **02**-*503,588* PC **A08**/MF **A01**

Juel-1883
Core Heatup Simulation with Irradiated Spherical Fuel Elements at Temperatures Between 1400 and 2500 exp 0 C.
DE84751790 **02**-*504,817* PC **A07**/MF **A01**

Juel-1891
Investigations of the Double Plasma Arc in a Graphite Tube.
DE84752112 **05**-*511,221* PC **A06**/MF **A01**

Juel-1894
Static Pyrocarbon Deposition in the Temperature Range of 1900 degrees C-2000 degrees C.
DE85750077 **12**-*526,695* PC **A09**/MF **A01**

Juel-1904
Contribution to the High Temperature Deformation Behaviour of the Austenitic Steel 1.4981 after Neutron Irradiation.
DE85750079 **12**-*527,122* PC **A06**/MF **A01**

Juel-1906
Design of the Inner Reflector of a High-Temperature Gas-Cooled Reactor.
DE85750103 **13**-*530,211* PC **A06**/MF **A01**

Juel-1917
Irradiation Behaviour of Coated Fuel Particles for the Fissile/Fertile Particle System.
DE85750076 **11**-*525,288* PC **A06**/MF **A01**

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Joint US-German Evaluation of Electronic Safeguards Seal Systems.
DE84751819 **09**-*520,128* PC **A03**/MF **A01**

Juel-Spez-236
Remote Monitoring Systems LOVER and RECOVER for International Safeguards Technical, Economic and Legal Aspects.
DE84751818 **03**-*507,199* PC **A04**/MF **A01**

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Studies Concerning Ways of Efficiency Assessment of Safeguard Systems.
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DE84751928 **09**-*519,945* PC **A04**/MF **A01**

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Present Level and Development Trends in Indoor Heating in Private Households. Vol. 1.
DE85750003 **08**-*517,052* PC **A08**/MF **A01**

Juel-Spez-234-V.2
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DE85750002 **08**-*517,051* PC **A08**/MF **A01**

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Extension of Fuzzy Linear Programming for Multiple Objectives.
DE85780227 **20**-*545,360* PC **A06**/MF **A01**

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Model Analysis of the Energy and Mass Balances of a Coal Liquefaction Plant for the Purpose of Profitability Assessment, with Special Emphasis on Emission Reduction Measures.
DE85750501 **12**-*528,218* PC **A12**/MF **A01**

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CONF-8203195-
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DE85770075 **08**-*517,057* PC **A07**/MF **A01**

CONF-8310379-Sum.
Implementing Agreement for Cooperation in the Development of Large Scale Wind Energy Conversion Systems.
DE85751513 **20**-*545,324* PC **A11**/MF **A01**

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DE85751114 **17**-*538,074* PC **A11**/MF **A01**

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Messtechnische Untersuchungen an Windenergieanlagen (Measurement-Technical Investigations of Wind Energy Units).
N85-14293/3 **08**-*516,766* PC **A11**/MF **A01**

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DE85751513 **20**-*545,324* PC **A11**/MF **A01**

NP-4770405
Second Program Energy Research and Energy Technology. Vol. 1.
DE84770405 **04**-*509,221* PC **A22**/MF **A01**

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CONF-7810148-
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JUEL-Conf-27 **20**-*545,364* PC **A18**/MF **A01**

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CONF-8303188-
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DE85770230 **17**-*539,595* PC **A18**/MF **A01**

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DE84770249 **09**-*518,472* PC **A99**/MF **A01**

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Juel-Spez-274
Methods of Ecotoxicological Evaluation of Chemicals. Vol. 3.
DE85751612 **20**-*544,897* PC **A14**/MF **A01**

Juel-Spez-276
Methods of Ecotoxicological Evaluation of Chemicals. Vol. 5.
DE85752000 **21**-*547,715* PC **A12**/MF **A01**

Juel-Spez-279
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DE85752002 **21**-*547,716* PC **A06**/MF **A01**

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Juel-Spez-296
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N85-12696/9 **08**-*514,063* PC **A99**/MF **A01**

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DE84752303 **10**-*522,399* PC **A06**/MF **A01**

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Juel-1889
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DE84751919 **05**-*512,371* PC **A03**/MF **A01**

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Juel-1948
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DE85780786 **17**-*539,149* PC **A04**/MF **A01**

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Juel-Spez-208
Analytical Model for an Input/Output-Subsystem.
DE84751527 **08**-*516,617* PC **A06**/MF **A01**

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Juel-Spez-277
Computer-Guided Facility for the Study of Single Crystals at the gamma Diffractometer GADI.
DE85751876 **26**-*561,691* PC **A04**/MF **A01**

JUEL-1962
Programming System for a Modular Flexible Multimicrocomputer System for the Automatic Control of Automated Test Equipment.
N85-28641/7 **20**-*545,984* PC **A07**/MF **A01**

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CONF-8311222-Sum.
Fast Breeder Fuel Cycle. Fuel Elements and Fuel Element Reprocessing.
DE85750726 **17**-*539,198* PC **A10**/MF **A01**

KFK-3736
Availability Studies for Nuclear Plants: Models, Methods, Computer-Codes.
DE85750999 **20**-*546,267* PC **A08**/MF **A01**

KFK-3775
Fast Breeder Fuel Cycle. Fuel Elements and Fuel Element Reprocessing.
DE85750726 **17**-*539,198* PC **A10**/MF **A01**

PWA-24/84
Availability Studies for Nuclear Plants: Models, Methods, Computer-Codes.
DE85750999 **20**-*546,267* PC **A06**/MF **A01**

RISLEY-Trans-4548
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DE85900909 **14**-*532,533* PC **A02**/MF **A01**

WH-Trans-512
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DE85900001 **05**-*512,280* PC **A02**/MF **A01**

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DE84751820 **03**-*507,107* PC **A03**/MF **A01**

KFK-3526
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DE85751498 **15**-*535,206* PC **A04**/MF **A01**

KFK-3527
Consequences of Enhanced Coal Use in the Federal Republic of Germany.
DE85751614 **20**-*544,605* PC **A04**/MF **A01**

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Status Report on Research and Development Activities 1983 of Abteilung fuer Angewandte Systemanalyse.
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DE85750502 **12**-*527,227* PC **A04**/MF **A01**

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KFK-3490
Report on Research and Development Work 1982 of the Institut fuer Nukleare Entsorgungstechnik.
DE85750097 **13**-*530,139* PC **A03**/MF **A01**

KFK-3675
Conditioning of Cladding Hulls and Tritiated Waste Waters with Hydraulic Cements.
DE84752253 **10**-*522,683* PC **A03**/MF **A01**

KFK-3692
Report on Research and Development Work 1983 of the Institut fuer Nukleare Entsorgungstechnik.
DE85750095 **13**-*530,138* PC **A03**/MF **A01**

KFK-3790
Model Calculations of Stresses and Deformations in Rock Salt in the Near Field of Heated Boreholes.
DE85750476 **13**-*530,140* PC **A03**/MF **A01**

KFK-3825
Optimization of Activity Loading of Low and Medium Level Waste Packages.
DE85751646 **23**-*553,996* PC **A04**/MF **A01**

PWA-16/84
Conditioning of Cladding Hulls and Tritiated Waste Waters with Hydraulic Cements.
DE84752253 **10**-*522,683* PC **A03**/MF **A01**

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CONF-830816-52
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DE84751600 **03**-*507,196* PC **A02**/MF **A01**

KFK-3348
STATI-4, a One-Dimensional Nonsteady Heat Transport Program (FORTRAN) For Cylindrical Geometry.
DE84752294 **10**-*523,119* PC **A08**/MF **A01**

KFK-3508
Temperature Escalation in PWR Fuel Rod Simulator Bundles Due to the Zircaloy/Steam Reaction: Test ESBU-1.
DE84751628 **04**-*510,104* PC **A04**/MF **A01**

KFK-3509
Temperature Escalation in PWR Fuel Rod Simulator Bundles Due to the Zircaloy/Steam Reaction: Test ESBU-2A.
DE85750473 **13**-*530,247* PC **A04**/MF **A01**

KFK-3557
Temperature Escalation in PWR Fuel Rod Simulators Due to the Zircaloy/Steam Reaction ESSI-4 ESSI-11.
DE85752125 **26**-*561,594* PC **A05**/MF **A01**

KFK-3568
Out-of-Pile Bundle Temperature Escalation under Severe Fuel Damage Conditions.
DE84750345 **03**-*507,144* PC **A02**/MF **A01**

KFK-3656
Temperature Escalation of Zircaloy-Clad Fuel Rods and Bundles under Severe Fuel Damage Conditions.
DE84751600 **03**-*507,196* PC **A02**/MF **A01**

KFK-3687
Report on Research and Development Activities in 1983 of the Hauptabteilung Ingenieurtechnik.
DE84752263 **11**-*525,226* PC **A02**/MF **A01**

KERNFORSCHUNGSZENTRUM KARLSRUHE G.M.B.H. (GERMANY, F.R.). ENTWICKLUNGSGRUPPE KERNMATERIALSICHERUNG.

KFK-3700
Research and Development Work Carried out in 1983 by the Entcklungsabteilung Kernmaterialsicherung.
DE85750484 **13**-*530,248* PC **A02**/MF **A01**

KERNFORSCHUNGSZENTRUM KARLSRUHE G.M.B.H. (GERMANY, F.R.). HAUPTABTEILUNG DATENVERARBEITUNG UND INSTRUMENTIERUNG.

KFK-3809
Solution of the Diffusion Problem for a Material with Fissure.
DE85750572 **17**-*538,324* PC **A02**/MF **A01**

KERNFORSCHUNGSZENTRUM KARLSRUHE G.M.B.H. (GERMANY, F.R.). HAUPTABTEILUNG PERSONALWESEN UND ALLGEMEINE VERWALTUNG.

KFK-3871
Manpower and Areas of Activity in the Nuclear Research Centers in the Federal Republic of Germany.
DE85752208 **25**-*559,052* PC **A03**/MF **A01**

KERNFORSCHUNGSZENTRUM KARLSRUHE G.M.B.H. (GERMANY, F.R.). HAUPTABTEILUNG SICHERHEIT.

CNEN-1101
Radon Measurements in Mines and Dwellings.
DE85751622 **22**-*551,182* PC **A04**/MF **A01**

KFK-3418
Occurrence and Behaviour of Tc in the Environment.
DE85750475 **20**-*546,303* PC **A04**/MF **A01**

KFK-3457
Experimental Determination of the Atmospheric Dispersion Parameters at the Karlsruhe Nuclear Research Center for 160 M and 195 M Emission Heights. Pt. 2.
DE85750296 **17**-*539,059* PC **A06**/MF **A01**

KFK-3477
Three- and Four-Parameter Diffusion Statistics as a Basis for Calculating the Long-Term Pollution Load.
DE84750077 **03**-*506,653* PC **A05**/MF **A01**

KFK-3531
Determination of Pu-241 by Liquid Scintillation Counting in the Environment of the Karlsruhe Nuclear Research Center.
DE83751314 **11**-*525,175* PC **A04**/MF **A01**

KFK-3565
Investigation of Meso-Scale Atmospheric Transport Phenomena in the Environment of the Karlsruhe Nuclear Research Center by Use of Radar-Tracked Tetroons.
DE84752331 **10**-*521,083* PC **A05**/MF **A01**

KFK-3600
Radiation Exposure to the Staff of the Karlsruhe Nuclear Research Center, 1969-1981.
DE84750168 **03**-*505,731* PC **A03**/MF **A01**

KFK-3629
Dispersion Factors - Tables and Diagrams for the Karlsruhe Site.
DE84751810 **04**-*510,085* PC **A04**/MF **A01**

KFK-3631
EFFDOS - A FORTRAN-77-Code for the Calculation of the Effective Dose Equivalent.
DE84751603 **04**-*508,650* PC **A04**/MF **A01**

KFK-3664
Effective Dose Equivalent to Be Expected in 1984 in the Environment of the Karlsruhe Nuclear Research Center Due to the Emission of Radioactive Substances into the Atmosphere.
DE84751602 **04**-*510,084* PC **A03**/MF **A01**

KFK-3704
Nuclear Technology and Forest Dieback.
DE84752099 **05**-*512,269* PC **A03**/MF **A01**

KFK-3715
Radioecological Studies of the Impacts of Tritiun Emissions as Explained by the Example of KfK (Karlsruhe Nuclear Research Centre, Federal Republic of Germany).
DE84752291 **10**-*522,724* PC **A06**/MF **A01**

KFK-3726
Dose Estimation by Simultaneous Measurement of the Radon/Thoron Concentration and the Equilibrium Factors in Air Using a Passive Dosemeter.
DE84751930 **08**-*517,453* PC **A06**/MF **A01**

KFK-3751
Meteorological System and the Basic Parameters Required for Predicting the Transfer of Radionuclides Released into the Atmosphere.
DE85750019 **10**-*522,728* PC **A03**/MF **A01**

KFK-3780
Nitrogen Large Area Proportional Counter with Gas Regeneration.
DE85750779 **16**-*536,576* PC **A02**/MF **A01**

KFK-3783
Alpha -Spectrometric Device Equipped with Semiconductors for Direct Measurement of Transuranium Elements on Large Area Filters.
DE85750778 **16**-*536,575* PC **A02**/MF **A01**

KFK-3784
Fast Radiochemical Procedure to Measure Tc-99 in Environmental Samples and Gaseous and Liquid Effluents.
DE85750505 **17**-*538,696* PC **A04**/MF **A01**

KFK-3830
Analytic of Elements for the Determination of Soil-> Plant Transfer Factors.
DE85751908 **26**-*560,515* PC **A03**/MF **A01**

KFK-3866
Radon Measurements in Mines and Dwellings.
DE85751622 **22**-*551,182* PC **A04**/MF **A01**

KERNFORSCHUNGSZENTRUM KARLSRUHE G.M.B.H. (GERMANY, F.R.). INST. FUER ANGEWANDTE KERNPHYSIK.

KFK-3539
Application of the Algebraic Programming System REDUCE 2 to Calculations in the Nuclear Cluster Model.
DE83751321 **10**-*522,993* PC **A04**/MF **A01**

KFK-3722
Tunneling Spectroscopy on Superconducting Nb sub 3 Sn with Artificial Barriers.
DE84752324 **09**-*520,719* PC **A05**/MF **A01**

KFK-3723
Investigations of the Atomic Structure of Amorphous Ytterbium-Alloys by Moessbauer Spectroscopy.
DE84752306 **10**-*522,925* PC **A06**/MF **A01**

KFK-3734
Control Program of the Neutron Four-Circle-Diffractometer P110 at the ORPHEE Reactor/CEN Saclay.
DE84752289 **09**-*519,937* PC **A06**/MF **A01**

KFK-3794
Materials Analysis by Ion Backscattering and Channeling. Materials Modification by Ion Irradiation and Implementation.
DE85750982 **21**-*549,007* PC **A06**/MF **A01**

KERNFORSCHUNGSZENTRUM KARLSRUHE G.M.B.H. (GERMANY, F.R.). INST. FUER DATENVERARBEITUNG IN DER TECHNIK.

Juel-1865
Simulation of Nuclear Fuel Reprocessing for Safeguards.
DE84751440 **01**-*502,286* PC **A03**/MF **A01**

KFK-3439
Simulation of Nuclear Fuel Reprocessing for Safeguards.
DE84751440 **01**-*502,286* PC **A03**/MF **A01**

KFK-3749
Microprocessor-Based Integrated LMFBR Core Surveillance.
DE85780748 **17**-*539,148* PC **A13**/MF **A01**

KFK-3787
Stochastic Short-Term and Long-Term Models Describing Radioactive Iodine Release from the PASSAT Offgas Cleaning Facility.
DE85750985 **19**-*543,918* PC **A09**/MF **A01**

KFK-3821
Calculated Release of Iodine under Different Operation Conditions.
DE85750771 **16**-*536,561* PC **A02**/MF **A01**

KFK-3872
Prediction Methods in Parametric Signal Models for Early Failure Detection.
DE85751886 **26**-*561,587* PC **A04**/MF **A01**

KERNFORSCHUNGSZENTRUM KARLSRUHE G.M.B.H. (GERMANY, F.R.). INST. FUER GENETIK UND TOXIKOLOGIE VON SPALTSTOFFEN.

KFK-3463
Studies of sup 237 Np-Compounds by Moessbauer Spectroscopy.
DE84751613 **03**-*505,879* PC **A05**/MF **A01**

KFK-3782
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DE85780948 **20**-*544,885* PC **A09**/MF **A01**

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EUR-7989-d
Dissolution of Plutonium Dioxide in Nitric Acid.
DE84752132 **10**-*521,719* PC **A02**/MF **A01**

KFK-3298
Report of Research and Development Work of the Institut fuer Heisse Chemie, 1981.
DE85750090 **12**-*526,616* PC **A02**/MF **A01**

KFK-3353
Dissolution of Plutonium Dioxide in Nitric Acid.
DE84752132 **10**-*521,719* PC **A02**/MF **A01**

KFK-3673
Dissolution of Unirradiated UO sub 2 -Pellets in Nitric Acid.
DE84751915 **09**-*518,881* PC **A09**/MF **A01**

KFK-3690
Report on the Results of Research and Development in 1983 of the Institut fuer Heisse Chemie.
DE85750983 **19**-*543,952* PC **A03**/MF **A01**

KFK-3836
Kinetic Investigation of TBP-Hydrolysis in the Purex System.
DE85751142 **23**-*553,995* PC **A04**/MF **A01**

KFK-3843
Test of an Optical Fibre-Laser-Photometer with Samples of the Facility PUTE.
DE85751140 **23**-*553,994* PC **A03**/MF **A01**

KFK-3844
Optical-Fiber-Laser-Photometer for in Line Measurements in the Purex Process.
DE85751141 **23**-*553,715* PC **A04**/MF **A01**

PWA-76/84
Kinetic Investigation of TBP-Hydrolysis in the Purex System.
DE85751142 **23**-*553,995* PC **A04**/MF **A01**

PWA-81/84
Test of an Optical Fibre-Laser-Photometer with Samples of the Facility PUTE.
DE85751140 **23**-*553,994* PC **A03**/MF **A01**

PWA-82/84
Optical-Fiber-Laser-Photometer for in Line Measurements in the Purex Process.
DE85751141 **23**-*553,715* PC **A04**/MF **A01**

PWA-94/83
Dissolution of Unirradiated UO sub 2 -Pellets in Nitric Acid.
DE84751915 **09**-*518,881* PC **A09**/MF **A01**

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KFK-3386-B
Atomic and Nuclear Properties of Materials.
DE83750196 **09**-*520,304* PC **A02**/MF **A01**

KFK-3511-B
Measurement of the Space- and Angle-Dependent Spectra of Fast Neutrons and Secondary Charged Particles from Spallation-Reactions of 590 MeV Protons in Thick Uranium Targets.
DE83751317 **09**-*520,309* PC **A06**/MF **A01**

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CERN-EP-85-49
Status and Perspectives of the Electron Cooling Device under Construction at CERN (European Organization for Nuclear Research).
DE85901959 **26**-*561,781* PC **A02**/MF **A01**

CONF-840280-10
Search for New Particles at PETRA.
DE84752338 **09**-*520,449* PC **A02**/MF **A01**

CONF-850152-7
Status and Perspectives of the Electron Cooling Device under Construction at CERN (European Organization for Nuclear Research).
DE85901959 **26**-*561,781* PC **A02**/MF **A01**

KFK-3606
Fine- and Hyperfine Structure Analysis of the Odd Configurations in the Lead Atom.
DE84751812 **04**-*508,783* PC **A02**/MF **A01**

KFK-3621
Annual Report on Nuclear Physics Activities from July 1, 1982 - June 30, 1983(for the Kernforschungszentrum Karlsruhe G.m.b.H., Federal Republic of Germany).
DE84780151 **03**-*507,599* PC **A11**/MF **A01**

KFK-3652
Neutron Capture Cross Sections of the Krypton Isotopes and the S-Process Branching at sup 79 Se.
DE84751808 **03**-*507,592* PC **A05**/MF **A01**

KFK-3681-B
Vacuum System of the Karlsruhe Magnetic Spectrograph 'Little John'.
DE85751894 **26**-*561,282* PC **A02**/MF **A01**

KFK-3706
Neutron Density and Temperature of the Weak S-Process Component.
DE85750532 **15**-*534,916* PC **A07**/MF **A01**

KFK-3708
Isoscalar Transition Rates of S-D Shell Nuclei Using a Modified Implicit Folding Procedure.
DE84751625 **03**-*507,586* PC **A03**/MF **A01**

KFK-3710
Program to Calculate the Efficiency of a 4 pi Scintillation Detector.
DE85750721 **16**-*536,574* PC **A04**/MF **A01**

KFK-3718
Magnetic Field Measurements in the Electron Cooling Device for LEAR.
DE84752339 **09**-*520,258* PC **A04**/MF **A01**

KFK-3735
Dynamic Density Dependence of the alpha-Nucleon Force in Folding Models of Inelastic Scattering of alpha-Particles.
DE84752161 **09**-*520,440* PC **A02**/MF **A01**

KFK-3758
Search for New Particles at PETRA.
DE84752338 **09**-*520,449* PC **A02**/MF **A01**

KFK-3765
Investigations of the Radial Distributions of Nucleons in 1FSUB(7/2)-Shell Nuclei by Elastic alpha Particle Scattering.
DE85751515 **20**-*546,793* PC **A06**/MF **A01**

KFK-3774-B
Measurements on Scintillation Light from Liquid Argon.
DE85780750 **17**-*538,900* PC **A05**/MF **A01**

KFK-3781
Investigation of the Neutron-Proton-Interaction in the Energy Range from 20 to 50 MEV.
DE85750295 **15**-*534,900* PC **A05**/MF **A01**

KFK-3797
Laser Spectroscopic Study of the Optical Isotope Shift and Hyperfine Structure of Stable and Radioactive Lead- and Tin-Nuclides.
DE85750573 **15**-*534,932* PC **A05**/MF **A01**

KFK-3798
Optical Potential for sup 6 Li- sup 6 Li Elastic Scattering at 156 MeV.
DE85750792 **15**-*534,962* PC **A02**/MF **A01**

KFK-3815
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DE85750793 **20**-*546,759* PC **A10**/MF **A01**

KFK-3827
Stellar Neutron Capture Rates of Sup(148,149,150)Sm.
DE85751539 **20**-*546,805* PC **A04**/MF **A01**

KFK-3851
Static Nuclear Polarisation and Polarised Targets.
DE85751553 **20**-*546,572* PC **A03**/MF **A01**

KFK-3858
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DE85751627 **22**-*551,116* PC **A02**/MF **A01**

KFK-3909
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DE85752098 **26**-*560,265* PC **A02**/MF **A01**

KERNFORSCHUNGSZENTRUM KARLSRUHE G.M.B.H. (GERMANY, F.R.). INST. FUER KERNVERFAHRENSTECHNIK.

KFK-3487
Results of Research and Development Works of the Institute for Nuclear Engineering (Kernforschungszentrum Karlsruhe G.m.b.H., Federal Republic of Germany) in 1982.
DE84751821 **03**-*506,966* PC **A02**/MF **A01**

KFK-3662
Minimization of Separative Power Losses of a Separation Nozzle Plant with Double Deflection Systems for Enrichment of Uranium-235 by Appropriate Operation.
DE84752250 **11**-*525,010* PC **A05**/MF **A01**

KFK-3689
Report on the Results of Research and Development Work in 1983 of the Institut fuer Kernverfahrenstechnik.
DE84752300 **09**-*519,925* PC **A02**/MF **A01**

KFK-3732
Accuracy of X-Ray Lithography Using Synchrotron Radiation for the Fabrication of Technical Separation Nozzle Elements.
DE84752164 **09**-*519,924* PC **A05**/MF **A01**

KFK-3750
Concepts of Fabricating Multichannel Plates for Image Intensifiers by X-Ray Lithography and Micro-Electroforming.
DE85750723 **20**-*545,884* PC **A02**/MF **A01**

KFK-3793
Production of Value and Entropy in Separation Nozzles. Numerical Calculations Based on Molecular Probe Measurements.
DE85751131 **23**-*553,822* PC **A07**/MF **A01**

KERNFORSCHUNGSZENTRUM KARLSRUHE G.M.B.H. (GERMANY, F.R.). INST. FUER MATERIAL- UND FESTKOERPERFORSCHUNG.

KFK-3256
Irradiation Experiment Mol-7B.
DE83750209 **10**-*522,742* PC **A08**/MF **A01**

KFK-3283
Corrosion-Enhanced Creep-Rupture of Cr-Ni-Steel Cladding Tubes at High Temperatures.
DE83750208 **10**-*522,841* PC **A08**/MF **A01**

KFK-3374-B
Constitution, Preparation, and Properties of Refractory Compounds and Systems (Hard Materials and Hard Metals).
DE84780152 **03**-*506,377* PC **A08**/MF **A01**

KFK-3614
Stress-Rupture Behavior of Tubes Made from Austenitic Stainless Steels and Ni-Based Alloys Subjected to Internal Pressure.
DE84751612 **02**-*504,816* PC **A06**/MF **A01**

KFK-3660
Relations Between Material Properties and Performance of Wear Resistant Materials.
DE85750064 **09**-*519,350* PC **A11**/MF **A01**

KFK-3688
Results of Research and Development Activities in 1983 of the Institut fuer Material- und Festkoerperforschung.
DE84752261 **10**-*522,798* PC **A03**/MF **A01**

KFK-3717
Compatibility of Materials for Pressurized Cylinders with Unpurified Rubidium.
DE84752100 **05**-*511,944* PC **A03**/MF **A01**

KFK-3766
High-Energy Dual Beam Facility.
DE85750512 **15**-*534,542* PC **A03**/MF **A01**

KFK-3819
Experiments for Liquid Metal Embrittlement of Fusion Reactor Materials by Liquid Lithium.
DE85751132 **22**-*550,462* PC **A09**/MF **A01**

KFK-3828
Simulation of the Effects on the Time to Rupture of Unirradiated Fuel Rod Cladding Tubes of Specific Losses of Coolant Flow in the SNR-300 (Emergency Cooling Cases).
DE85751873 **26**-*561,584* PC **A03**/MF **A01**

KFK-3848
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DE85751551 **20**-*546,207* PC **A03**/MF **A01**

PWA-79/83
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DE84752100 **05**-*511,944* PC **A03**/MF **A01**

KERNFORSCHUNGSZENTRUM KARLSRUHE G.M.B.H. (GERMANY, F.R.). INST. FUER NEUTRONENPHYSIK UND REAKTORTECHNIK.

EUR-7993e
Some Considerations on Tritium Control in a Helium Cooled Ceramic Blanket for the NET Reactor.
DE84752309 **11**-*524,942* PC **A03**/MF **A01**

Juel-Snez-157
Accident Consequences and Risk Assessments Based on the Probabilistic Safety Study of a Nuclear Power Plant with a High Temperature Reactor (HTR-1160).
DE83750203 **10**-*522,710* PC **A05**/MF **A01**

KFK-3382
Accident Consequences and Risk Assessments Based on the Probabilistic Safety Study of a Nuclear Power Plant with a High Temperature Reactor (HTR-1160).
DE83750203 **10**-*522,710* PC **A05**/MF **A01**

KFK-3537
PREPRO - A Preprocessor Code for SSYST Input.
DE83751319 **10**-*522,879* PC **A03**/MF **A01**

KFK-3608
GORGON - A Computer Code for the Calculation of Energy Deposition and the Slowing down of Ions in Cold Materials and Hot Dense Plasmas.
DE85751642 **22**-*551,062* PC **A07**/MF **A01**

KFK-3620
Analysis of the Multiplication of D-T Neutron Sources in Blanket Materials of Fusion Reactors.
DE84752246 **20**-*546,056* PC **A05**/MF **A01**

KFK-3632
Kinetics of the Oxygen Transport in the Fuel Pin of a Fast Breeder Reactor.
DE84752328 **11**-*525,274* PC **A05**/MF **A01**

KFK-3646
Critical Review of Precompound Models with Consideration of the Contribution to the 'International Nuclear Model and Code Comparison on Pre-Equilibrium Effects', Organized by the NEA Data Bank 1983/84.
DE85750479 **20**-*546,748* PC **A03**/MF **A01**

KFK-3671
KANDY - A Numerical Model to Describe Phenomena, Which - in a Heated and Voided Fuel Element of an LMFBR - May Occur.
DE84751922 **05**-*512,316* PC **A06**/MF **A01**

KFK-3683
Results of Research and Development Activities in 1983 of the Institut fuer Neutronenphysik und Reaktortechnik.
DE84752262 **10**-*522,799* PC **A03**/MF **A01**

KFK-3716
Significance of Cesium in LMFBR and LWR Safety Analysis.
DE85750289 **16**-*536,680* PC **A03**/MF **A01**

KFK-3743
Computer Programs for Evaluation of Turbulence Characteristics from Hot-Wire Measurements.
DE84752325 **10**-*522,942* PC **A07**/MF **A01**

KFK-3744
Computer-Controlled Rig for Measurements of Velocity and Turbulence Distributions by Hot-Wires.
DE85750472 **20**-*546,366* PC **A04**/MF **A01**

KFK-3745
Structure of the Group-Constant-Library GRUBA and Its Management by the Program-System GRUMA.
DE85750727 **17**-*539,211* PC **A03**/MF **A01**

KFK-3755
Some Considerations on Tritium Control in a Helium Cooled Ceramic Blanket for the NET Reactor.
DE84752309 **11**-*524,942* PC **A03**/MF **A01**

KFK-3756
Influence of Gradual Density Transition and Nonlinear Saturation on Rayleigh-Taylor Instability Growth.
DE85750300 **16**-*536,870* PC **A05**/MF **A01**

KFK-3770
Frequency Distributions of Activity Concentrations after Accidential Releases of Radionuclides.
DE85750297 **16**-*536,645* PC **A04**/MF **A01**

KFK-3772
High-Temperature Vapor Pressures of Stainless Steel Type 1.4970 and of Some Other Pure Metals from Laser Evaporation.
DE85750764 **17**-*538,252* PC **A03**/MF **A01**

KFK-3801
Neutronic Studies of Fissile and Fusile Breeding Blankets.
DE85750776 **17**-*538,873* PC **A06**/MF **A01**

KFK-3813
Comparison Between Results Obtained by Different Hot-Wire Methods.
DE85751903 **26**-*561,695* PC **A04**/MF **A01**

KFK-3818
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DE85751902 **26**-*561,630* PC **A05**/MF **A01**

KFK-3834
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DE85751900 **26**-*561,376* PC **A03**/MF **A01**

KFK-3836
Status of the Nuclear Data Library KEDAK-4 - October 1984.
DE85751906 **26**-*561,651* PC **A04**/MF **A01**

KFK-3847
Analysis of Clad Motion Phenomena; Application of the CMOT-II-Code to Clad Melting Experiments.
DE85752096 **26**-*561,592* PC **A05**/MF **A01**

KFK-3860
FORTRAN-77 Version of the Karlsruhe Program System KAPROS.
DE85751905 **26**-*561,589* PC **A14**/MF **A01**

KFK-3864
Economics of an Advanced Pressurized Water Reactor (APWR).
DE85751910 **26**-*561,590* PC **A06**/MF **A01**

KFK-3881
Development of the SOPKA-E Energy Model into a Goods Entwinement Model of National Economy.
DE85752674 **26**-*560,799* PC **A10**/MF **A01**

KERNFORSCHUNGSZENTRUM KARLSRUHE G.M.B.H. (GERMANY, F.R.). INST. FUER NUKLEARE FESTKOERPERPHYSIK.

KFK-3812
Interactive FORTRAN Program for the Evaluation of Structure Factors and Pair Distribution Functions from Neutron Diffraction Experiments.
DE85752101 **26**-*560,689* PC **A03**/MF **A01**

KERNFORSCHUNGSZENTRUM KARLSRUHE G.M.B.H. (GERMANY, F.R.). INST. FUER RADIOCHEMIE.

KFK-3299
Progress Report on Research and Development in 1981 of Institut fuer Radiochemie.
DE84752236 **10**-*522,680* PC **A03**/MF **A01**

KFK-3575
Study of the Adsorption of Methyl Iodide and Molecular Iodine on Clean Uranium and Uranium Dioxide Surfaces by Means of X-Ray Photoelectron (XPS) And Auger Electron Spectroscopy (AES).
DE84752127 **10**-*521,718* PC **A04**/MF **A01**

KFK-3599
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DE84751224 **03**-*505,980* PC **A09**/MF **A01**

KFK-3617
Decontamination of Carbonate Containing Process Streams in a Reprocessing Plant by Chromatography.
DE84751917 **11**-*525,080* PC **A03**/MF **A01**

KFK-3669
About the Question of the Possibility of Polarographic Determinations of TBP.
DE84751630 **04**-*508,875* PC **A02**/MF **A01**

KFK-3691
Report on Research and Development Work 1983 of the Institut fuer Radiochemie.
DE85750096 **11**-*525,167* PC **A03**/MF **A01**

KFK-3754
Retention and Thermic Desorption of Molybdate Anions on Inorganic Exchangers.
DE85780754 **17**-*537,686* PC **A03**/MF **A01**

KFK-3852
Applications of Spontaneous Laser Raman Spectroscopy in the Nuclear Fuel Cycle.
DE85751531 **20**-*544,985* PC **A03**/MF **A01**

KFK-3853
Behavior and Mechanism of Sorption of Uranylperoxocarbonato-Complexes on Anion Exchanger Systems.
DE85751911 **26**-*561,631* PC **A07**/MF **A01**

KFK-3856
Investigation on Nuclear Aerosols Generated in the Core Melting Facility SASCHA.
DE85751909 **26**-*561,518* PC **A03**/MF **A01**

KFK-3868
Voltammetric Assay of Extremely Low Technetium Concentrations Following Enrichment at the HMDE after Reaction with Thiocyanate.
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PWA-66/84
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PWA-78/83
About the Question of the Possibility of Polarographic Determinations of TBP.
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PWA-84/83
Decontamination of Carbonate Containing Process Streams in a Reprocessing Plant by Chromatography.
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PWA-103/84
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KFK-3253
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DE83750206 **10**-*522,741* PC **A03**/MF **A01**

KFK-3607-B
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KFK-3630
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DE84751796 **02**-*504,660* PC **A12**/MF **A01**

KFK-3634
Performance of Coalescence and Wetting on the Operating Characteristics of Pulsed Plate Columns.
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KFK-3657
FEBA - Flooding Experiments with Blocked Arrays. Evaluation Report.
DE85780102 **11**-*525,250* PC **A07**/MF **A01**

KFK-3659
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KFK-3724
Influence of Benard-Convection on Solid-Liquid-Interfaces.
DE84752152 **01**-*502,377* PC **A05**/MF **A01**

KFK-3739
Investigation of a Natural Convection in a Small Slot Using a Finite Difference Method.
DE85750304 **17**-*539,296* PC **A04**/MF **A01**

KFK-3763
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DE85751881 **26**-*561,585* PC **A09**/MF **A01**

KFK-3786-B
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DE85750773 **17**-*539,110* PC **A03**/MF **A01**

KFK-3839
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KFK-3859
Nonsteady End Effects in Hele-Shaw Cells.
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KFK-3861
Two-Phase Flow Through Small Branches in a Horizontal Pipe with Stratified Flow.
DE85751882 **26**-*561,586* PC **A07**/MF **A01**

KFK-3862
Two-Phase Flow Through Small Branches in a Horizontal Pipe with Stratified Flow.
DE85751901 **26**-*561,588* PC **A07**/MF **A01**

KFK-3875
Stress and Lifetime Calculations for First Wall and Blanket Structural Components. Pt. 1.
DE85751640 **22**-*551,060* PC **A05**/MF **A01**

KFK-3876
Investigations into the Pressure Drop and Mass Flow Distribution of Two-Phase Flow in Rectangular T-Junctions.
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PWA-27/84
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KFK-3654
SSYST-3. Input Description.
DE84751517 **05**-*512,306* PC **A14**/MF **A01**

KFK-3667
Experiment for Triggered Fragmentation with a Molten Copper-Drop in Water.
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Report on Research and Development Activities in 1983 of the Institut fuer Reaktorentwicklung.
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KFK-3707
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KFK-3719
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KFK-3855
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DE84751515 **05**-*511,457* PC **A02**/MF **A01**

KFK-3518
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DE85751899 **26**-*561,693* PC **A03**/MF **A01**

KFK-3615
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KFK-3622
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DE85750074 **13**-*527,901* PC **A02**/MF **A01**

KFK-3627
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DE84751800 **03**-*506,433* PC **A03**/MF **A01**

KFK-3696
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DE85750483 **20**-*546,096* PC **A03**/MF **A01**

KFK-3705
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DE84752169 **11**-*524,937* PC **A06**/MF **A01**

KFK-3721
Annealing Behaviour of Nb sub 3 Ge Films Irradiated at Low Temperature.
DE84752305 **10**-*523,102* PC **A03**/MF **A01**

KFK-3733
Neutron Irradiation Effects on Superconducting and Stabilizing Materials for Fusion Magnets.
DE84752259 **11**-*524,940* PC **A04**/MF **A01**

KFK-3773
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KFK-3865
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DEMONA - Research Program for the Demonstration of Nuclear Aerosol Behaviour.
DE84751523 **05**-*512,308* PC **A04**/MF **A01**

KFK-3294
Progress Report on Research and Development in 1981 of Laboratorium fuer Aerosolphysik und Filtertechnik.
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DE84752251 **10**-*522,723* PC **A03**/MF **A01**

KFK-3560
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DE84751451 **03**-*507,037* PC **A04**/MF **A01**

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KFK-3711
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DE84752254 **10**-*522,797* PC **A03**/MF **A01**

KFK-3746
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KFK-3776
Retention of Elemental sup 131 I by Activated Carbons under Accident Conditions.
DE85750772 **17**-*539,109* PC **A05**/MF **A01**

KFK-3796
Retention of Elemental sup 131 I by Activated Carbons under Extreme Conditions.
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KFK-3817
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KFK-3666
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DE84751809 **04**-*510,107* PC **A03**/MF **A01**

KFK-3678
OPTIMA - Computation of the Optical Properties of Single Homogeneous or Coated Mie-Particles.
DE84751786 **04**-*508,063* PC **A05**/MF **A01**

KFK-3778
Retention of sup 131 I Volatilized from Aqueous Solutions by Sorbents.
DE85751907 **26**-*561,517* PC **A03**/MF **A01**

KFK-3657
Plating-out of Droplets and Particles with Diameter from 1-9 mu M in Horizontal Pipes and in 90 deg Pipe Bends.
DE85751621 **23**-*553,589* PC **A02**/MF **A01**

PWA-104/84
Plating-out of Droplets and Particles with Diameter from 1-9 mu M in Horizontal Pipes and in 90 deg Pipe Bends.
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KFK-3391
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KFK-3832
On-Line Assay of Lead by the GRAF X-Ray Fluorescence Analytical Method in Lead-Zinc Ore Dressing.
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Fusion Technology Programme.
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(-UWFDM---600)
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KFK-3680
TASKA-M - A Low Cost, Near Term Tandem Mirror Device for Fusion Technology Testing.
(-UWFDM---600)
DE84752167 **11**-*524,936* PC **A25**/MF **A01**

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DE84752252 **11**-*524,939* PC **A03**/MF **A01**

KFK-3727
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KFK-3823
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KFK-3661
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DE84751626 **03**-*507,198* PC **A04**/MF **A01**

KFK-3760
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KFK-3761
IDA-80 Measurement Evaluation Programme on Mass Spectrometric Isotope Dilution Analysis of Uranium and Plutonium. Vol. 2.
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Dimensional Synthesis of Plane Linkages (MAKU).
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KFK-PFT-84
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KFK-3644-B
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KFK-3603
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DE84751601 **02**-*504,815* PC **A06**/MF **A01**

KFK-3640
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DE85750509 **17**-*538,247* PC **A06**/MF **A01**

KFK-3713
Natural Convection Heat Transfer Below Downward Facing Horizontal Surfaces.
DE84752121 **10**-*523,118* PC **A03**/MF **A01**

KFK-3753
Modeling Steady State and Transient Fission Gas Behaviour with the Karlsruhe Code LAKU.
DE85750477 **20**-*546,367* PC **A05**/MF **A01**

KFK-3833
MODEASY - A Program-System for Modification and Management of Stored Functions of One Independent Variable.
DE85751654 **22**-*550,240* PC **A07**/MF **A01**

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KFK-3578
Determination Methods for Plutonium as Applied in the Field of Reprocessing.
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DE84752239 **10**-*522,682* PC **A10**/MF **A01**

KFK-3668
Determination of Hydroxylamine in Purex Process Solutions.
DE84752264 **10**-*522,864* PC **A02**/MF **A01**

KFK-3679
Analytical Chemistry of Technetium. Pt. 1.
DE84751605 **03**-*505,878* PC **A02**/MF **A01**

KFK-3785
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DE85750986 **20**-*546,266* PC **A06**/MF **A01**

KFK-3802
Examination of Transpassive Nitric Acid Corrosion Behavior of Different Austenitic Stainless Steels by Prolongated Huey-Testing (65% HNO sub 3 , 120 deg C, 720 H).
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PWA-48/78
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PWA-57/84
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PWA-74/84
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DE84015955 **01**-*502,557* PC **A02**/MF **A01**

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DE84017029 **09**-*519,891* PC **A02**/MF **A01**

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DE85001740 **05**-*512,385* PC **A02**/MF **A01**

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DE84017045 **02**-*504,903* PC **A02**/MF **A01**

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DE85001075 **07**-*515,379* PC **A02**/MF **A01**

UCRL-90580-1
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DE85001565 **23**-*554,294* PC **A02**/MF **A01**

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DE85001744 **04**-*508,020* PC **A02**/MF **A01**

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DE85014803 **24**-*556,558* PC **A02**/MF **A01**

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DE85014802 **24**-*556,555* PC **A02**/MF **A01**

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DE85013983 **23**-*554,115* PC **A02**/MF **A01**

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DE85014809 **24**-*556,557* PC **A02**/MF **A01**

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DE85001209 **08**-*514,205* PC **A03**/MF **A01**

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DE85000746 **08**-*514,197* PC **A02**/MF **A01**

UCRL-91506
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DE85002173 **09**-*520,608* PC **A03**/MF **A01**

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DE85001567 **09**-*520,604* PC **A02**/MF **A01**

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DE85001739 **04**-*509,983* PC **A03**/MF **A01**

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DE85001751 **04**-*509,789* PC **A02**/MF **A01**

UCRL-91553
In Situ Microwave Measurements of Dielectric Properties and Moisture in Materials.
DE85003622 **13**-*529,851* PC **A02**/MF **A01**

UCRL-91561
Preparation of Selenium Coatings onto Beryllium Foils.
DE85006159 **11**-*524,437* PC **A02**/MF **A01**

UCRL-91561-Rev.1
Deposition of Selenium Coatings on Beryllium Foils. Revision 1.
DE85016070 **25**-*558,439* PC **A02**/MF **A01**

UCRL-91565
Experimental High Pressure Equation of State of a Very Fast Burning Gun Propellant.
DE85001749 **05**-*512,381* PC **A02**/MF **A01**

UCRL-91568
Neutral Beam Injector Oxygen Impurity Measurements and Concentration Reduction Via Gettering Processes.
DE85000861 **06**-*514,198* PC **A02**/MF **A01**

UCRL-91568-Rev.1
Neutral Beam Injector Oxygen Impurity Measurements and Concentration Reduction Via Gettering Processes. Revision 1.
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UCRL-91570
Solving Partial Differential Equations on Multiprocessors.
DE85000745 **06**-*513,654* PC **A02**/MF **A01**

UCRL-91571
High-Resolution Seismic Studies Applied to Injected Geothermal Fluids.
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UCRL-91581
Electrochemical Cell to Measure Corrosion Rates in Noncondensing Environments.
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UCRL-91583
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UCRL-91589
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UCRL-91590
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Task Analysis: A Detailed Example of Stepping Up from JSA.
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Look at Energy Compression as an Assist for High Power RF Production.
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Radiative Ion Beams: Hot Stellar Reactions in the Laboratory.
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Automatic Volume Calibration System.
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Approximate Factorization Method for Computation of Nonhydrostatic Mesoscale Flows.
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Compressible Two-Phase Flow Instabilities Simulated with a Hybrid Lagrange-Euler Pseudospectral Method.
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UCRL-91623
High Gain Adaptive Control of Decentralized Systems.
DE85001566 **18**-*540,907* PC **A02**/MF **A01**

UCRL-91623-Rev.1
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High-Energy Air Shock Study in a Grout Pipe.
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Investigation of the Lightning Vulnerability of Nuclear Explosive Test Systems at the Nevada Test Site.
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Eastern Gas Shale (EGS) Research.
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PROTOCOL, A Numerical Simulator for the Dissolution of Inorganic Solids in Aqueous Solutions.
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Fortran in the 90'S.
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Acetaldehyde Oxidation in the Negative Temperature Coefficient Regime: Experimental and Modeling Results.
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Time-Implicit Simulation of Particle-Fluid Systems.
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UCRL-91643
Pulse Star Inertial Confinement Fusion Reactor.
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UCRL-91644
ICF Tritium Production Reactor.
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UCRL-91646
Blanket Optimization Studies for Cascade.
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ICF Reactor Economics: Identifying the High Leverage Design Features.
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Microscopic Simulations of Shock Propagation in Condensed Media: Comparison Between Real Time and Frequency Domains.
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Model Validation: Purpose and Expectations.
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Materials Characterization with Intense Positron Beams.
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Analysis of the NAEG Model of Transuranic Radionuclide Transport and Dose.
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Summary Results of the Centralia Partial SEAM CRIP Underground Coal Gasification Field Test.
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Rapid Growth of Potassium Dihydrogen Phosphate Crystals.
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Detailed Chemical Kinetic Study of the Effect of Molecular Structure on Autoignition of Fuel-Air Mixtures.
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Preparation, Characterization and Solubility Product Constant of AmOHCO sub 3.
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Results of Recent Large-Scale NH sub 3 and N sub 2 O sub 4 Dispersion Experiments.
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UCRL-91831
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UCRL-91871
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Hopkinson Bar Simulation Using DYNA2D.
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UCRL-92021
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UCRL-92211
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DE85012703 **22**-*551,543* PC **A02**/MF **A01**

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DE85012702 **23**-*552,098* PC **A02**/MF **A01**

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DE85012701 **22**-*551,400* PC **A02**/MF **A01**

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DE85012700 **22**-*551,542* PC **A02**/MF **A01**

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DE85012699 **22**-*551,541* PC **A02**/MF **A01**

LA-UR-85-1675
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DE85012720 **22**-*551,544* PC **A02**/MF **A01**

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DE85012719 **22**-*551,404* PC **A02**/MF **A01**

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DE85012718 **21**-*549,093* PC **A02**/MF **A01**

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DE85012717 **23**-*553,821* PC **A02**/MF **A01**

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DE85012716 **21**-*548,843* PC **A02**/MF **A01**

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DE85012715 **21**-*548,977* PC **A02**/MF **A01**

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DE85012714 **21**-*548,976* PC **A02**/MF **A01**

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DE85012713 **22**-*550,971* PC **A04**/MF **A01**

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DE85012732 **22**-*550,219* PC **A02**/MF **A01**

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DE85015688 **25**-*559,467* PC **A02**/MF **A01**

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DE85012731 **22**-*551,406* PC **A02**/MF **A01**

LA-UR-85-1728
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DE85012730 **21**-*549,202* PC **A02**/MF **A01**

LA-UR-85-1729
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DE85012729 **22**-*551,207* PC **A02**/MF **A01**

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DE85012728 **20**-*546,453* PC **A02**/MF **A01**

LA-UR-85-1731
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DE85012727 **22**-*551,546* PC **A02**/MF **A01**

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DE85012726 **22**-*550,218* PC **A02**/MF **A01**

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DE85012725 **21**-*549,096* PC **A02**/MF **A01**

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DE85012724 **21**-*549,095* PC **A02**/MF **A01**

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DE85012723 **21**-*549,094* PC **A02**/MF **A01**

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DE85012722 **22**-*551,405* PC **A02**/MF **A01**

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DE85012750 **22**-*549,371* PC **A02**/MF **A01**

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DE85012749 **24**-*556,789* PC **A02**/MF **A01**

LA-UR-85-1756
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DE85012748 **24**-*556,788* PC **A02**/MF **A01**

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DE85012747 **22**-*550,222* PC **A02**/MF **A01**

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DE85012746 **22**-*551,547* PC **A02**/MF **A01**

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DE85012745 **22**-*551,669* PC **A02**/MF **A01**

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DE85012744 **21**-*548,823* PC **A02**/MF **A01**

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DE85012741 **22**-*550,976* PC **A02**/MF **A01**

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DE85012740 **22**-*551,668* PC **A02**/MF **A01**

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DE85012739 **22**-*550,975* PC **A02**/MF **A01**

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DE85012768 **22**-*550,435* PC **A02**/MF **A01**

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DE85012764 **22**-*550,977* PC **A02**/MF **A01**

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DE85012760 **22**-*549,372* PC **A02**/MF **A01**

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DE85014102 **24**-*557,020* PC **A02**/MF **A01**

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DE85014096 **24**-*555,686* PC **A02**/MF **A01**

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DE85014081 **24**-*557,018* PC **A02**/MF **A01**

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DE85015684 **25**-*558,434* PC **A02**/MF **A01**

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DE85015682 **26**-*560,473* PC **A02**/MF **A01**

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CAR-TR-4
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CAR-TR-23
Iterative Hough Procedure for Three-Dimensional Object Recognition.
AD-A157 168/6 **23**-*552,790* PC **A03**/MF **A01**

CAR-TR-71
Image Flow Simulator.
AD-A157 661/0 **23**-*552,811* PC **A03**/MF **A01**

CAR-TR-87
Computation of Minimal Isovist Sets.
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CAR-TR-88
Target Tracking Based Scene Analysis.
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CAR-TR-114
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CAR-TR-127
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Edge Information in Color Images Based on Histograms of Differences.
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MARYLAND UNIV., COLLEGE PARK. COMPUTER SCIENCE CENTER.

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(ETL-0376)
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(AFOSR-TR-85-0183)
AD-A151 176/5 **12**-*528,266* PC **A07**/MF **A01**

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CS/E-84-005
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CS/E-84-006
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AD-A150 742/5 **11**-*524,224* PC **A03**/MF **A01**

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(AFOSR-TR-85-0292)
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AD-A152 376/0 **14**-*531,921* PC **A02**/MF **A01**

UMD-DMSS-85-5
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AD-A152 377/8 **14**-*531,922* PC **A02**/MF **A01**

UMD-DMSS-85/5
Modified Repair Strategy for Two-Component Systems with Revealed and Unrevealed Faults.
AD-A156 715/5 **22**-*549,457* PC **A02**/MF **A01**

UMD-DMSS-85/6
Estimation by Moments in a Model of Faulty Inspection.
AD-A156 754/4 **22**-*549,460* PC **A02**/MF **A01**

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Survey of some Recent Results in Continuous Univariate Distributions.
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TR-85-10
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(AFOSR-TR-85-0680)
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(AFOSR-TR-84-0788)
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CONF-841231-19
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Microstructural Origins of Hot Spots in RDX Explosive and a Reference Inert Material.
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(DOT/FRA/ORD-85/05)
PB85-171676 **13**-*529,721* PC **A07**/MF **A01**

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AP-84-056
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(AFGL-TR-84-0259)
AD-A149 018/4 **07**-*514,385* PC **A03**/MF **A01**

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DE85014511 **24**-*556,834* PC **A08**/MF **A01**

DOE/ER/05126-232
Momentum Space Approach to Microscopic Effects in Elastic Proton Scattering.
DE85001613 **04**-*510,295* PC **A04**/MF **A01**

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Development of the Relativistic Impulse Approximation.
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Theoretical Determination of Exchange Splittings for Ferromagnetic Metals: Effects of a Nonlocal Spin Density Exchange Potential.
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Density-Functional Theory of Excitation Spectra of Semiconductors: Application to Si.
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Theory and Calculations of the Electronic Structure of Solids Having Directional Bonding.
AD-A151 062/7 **11**-*525,604* PC **A02**/MF **A01**

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RR-84-1
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RR-84-2
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AD-A146 198/7 **01**-*500,436* PC **A03**/MF **A01**

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BN-1030
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AD-A148 301/5 05-511,671 PC A03/MF A01

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AD-A148 345/2 05-511,746 PC A04/MF A01

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AD-A149 748/6 09-520,680 PC A03/MF A01

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AD-A156 600/9 22-550,505 PC A04/MF A01

BN-1037
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DE84770344 02-505,226 PC A03/MF A01

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N84-34049/6 01-501,701 PC A03/MF A01

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DE85770041 20-545,339 PC A02/MF A01

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DE85001805 04-509,767 PC A02/MF A01

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DE85002652 08-517,722 PC A04/MF A01

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In-Place Burning of Prudhoe Bay Oil in Broken Ice.
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PB85-121028 04-509,672 PC A03/MF A01

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PB85-225662 22-550,061 PC A03/MF A01

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NAS 1.26:175574
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NAS 1.26:175998
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(NASA-CR-176057)
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NAS 1.26:177365
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SCIENTIFIC-1
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Gels.
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(ARO-19838.46-EL)
AD-A151 805/9 13-530,311 Not available NTIS

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AD-A150 171/7 10-522,160 PC A02/MF A01

AI-M-752
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AD-A150 172/5 10-521,324 PC A02/MF A01

AI-M-763
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(AFOSR-TR-85-0586)
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AI-M-773
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AI-M-776
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AD-A147 890/8 04-508,640 PC A02/MF A01

AI-M-777
Generalized Ordering Constraint for Stereo Correspondence.
AD-A149 182/8 08-517,329 PC A03/MF A01

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AD-A147 726/4 04-508,466 PC A02/MF A01

AI-M-788
Toward a Principle-Based Parser.
AD-A147 637/3 04-508,226 PC A03/MF A01

AI-M-796
What a Parallel Programming Language Has to Let You Say.
AD-A147 854/4 04-509,085 PC A03/MF A01

AI-M-801
Description of Large Systems.
AD-A148 072/2 04-509,093 PC A03/MF A01

AI-M-803
Multigrid Relaxation Methods and the Analysis of Lightness, Shading, and Flow.
AD-A158 173/5 24-555,516 PC A02/MF A01

AI-M-806
Collision Detection for Moving Polyhedra.
AD-A148 961/6 07-515,049 PC A02/MF A01

AI-M-809
Simplified Grasping and Manipulation with Dextrous Robot Hands.
AD-A148 962/4 07-515,163 PC A02/MF A01

AI-M-812
Complexity of ID/LP Parsing.
AD-A158 211/3 24-555,518 PC A02/MF A01

AI-M-816
PP: A Lisp Pretty Printing System.
AD-A157 092/8 23-552,785 PC A03/MF A01

AI-M-822
Describing Surfaces.
AD-A158 940/7 25-558,179 PC A03/MF A01

AI-M-823
Generating and Generalizing Models of Visual Objects.
AD-A158 197/4 24-554,973 PC A03/MF A01

AI-M-826
Mobile Robot Localization Using Sonar.
AD-A158 819/3 25-558,737 PC A03/MF A01

AI-M-829
CREF (Cross Referenced Editing Facility): An Editing Facility for Managing Structured Text.
AD-A158 155/2 24-554,743 PC A03/MF A01

AI-M-841
Recognition and Localization of Overlapping Parts from Sparse Data.
AD-A158 394/7 25-558,734 PC A03/MF A01

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Hypothesizing and Refining Causal Models.
AD-A158 165/1 24-554,972 PC A06/MF A01

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AD-A149 279/2 08-516,490 PC A07/MF A01

AI-TR-753
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AI-TR-767
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AI-TR-789
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AD-A148 987/1 07-514,810 PC A09/MF A01

AI-TR-791
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AD-A150 312/7 10-521,445 PC A12/MF A01

AI-TR-794
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AI-TR-834
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AI-TR-844
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AD-A157 917/6 24-555,496 PC A10/MF A01

AIM-768
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AD-A148 573/9 05-511,492 PC A03/MF A01

AIM-804
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(AFOSR-TR-85-0589)
AD-A158 580/1 25-558,234 PC A02/MF A01

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(AFOSR-TR-84-1019)
AD-A147 949/2 04-508,742 PC A03/MF A01

Macromolecular Interactions.
AD-A148 288/4 05-511,199 PC A02/MF A01

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AD-A147 605/0 04-508,037 PC A02/MF A01

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PB85-171684 13-529,662 PC A06/MF A01

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AD-P004 174/9 05-510,569 PC A02/MF A01

Some Musings on How to Make Damping a Creative Force in Design.
AD-P004 685/4 19-544,253 PC A02/MF A01

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TR-14
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AD-A148 199/3 05-511,727 PC A02/MF A01

Condensation Polymers with Controlled Structure.
AD-A158 675/9 25-558,474 PC A02/MF A01

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TR-1-ONR
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AD-A146 221/7 01-501,006 PC A02/MF A01

TR-2-ONR
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AD-A146 378/5 01-501,019 PC A03/MF A01

TR-5-ONR
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AD-A158 774/0 25-557,945 PC A03/MF A01

TR-7-ONR
Microelectrochemical Diode with Submicron Contact Spacing Based on the Connection of Two Microelectrodes Using Dissimilar Redox Polymers.
AD-A158 263/2 24-555,293 PC A03/MF A01

TR-14
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AD-A146 863/6 02-504,026 PC A02/MF A01

TR-15
Silazane Precursors to Silicon Nitride.
AD-A146 791/9 02-504,025 PC A02/MF A01

TR-16
Novel Polymeric Organosilazane Precursor to Si3N4/SiC Ceramics.
AD-A150 748/2 11-524,413 PC A02/MF A01

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(AFOSR-TR-84-1011)
AD-A148 179/5 04-508,773 PC A02/MF A01

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(AFOSR-TR-84-1239)
AD-A149 835/1 09-518,833 PC A02/MF A01

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AD-A150 210/3 10-521,612 Not available NTIS

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(AFOSR-TR-84-1231)
AD-A150 301/0 10-521,682 PC A02/MF A01

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AD-A150 400/0 10-521,388 Not available NTIS

1,1,1,5,5,5-Hexamethyltrisiloxane: Preparation and some Reactions.
(AFOSR-TR-85-0232)
AD-A151 194/8 12-526,628 PC A02/MF A01

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(AFOSR-TR-85-0233)
AD-A151 265/6 12-526,631 PC A02/MF A01

Silacyclopropenes. 3. Palladium-Catalyzed Insertion Reactions.
(AFOSR-TR-85-0301)
AD-A152 682/1 14-531,475 PC A02/MF A01

Resistance of Polyaniline Films as a Function of Electrochemical Potential and the Fabrication of Polyaniline-Based Microelectronic Devices.
(ONR-TR-4)
AD-A154 999/7 18-540,807 PC A03/MF A01

Prospects for a New Kind of Synthesis: Assembly of Molecular Components to Achieve Functions.
(ONR-TR3)
AD-A155 023/5 18-540,291 PC A03/MF A01

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(AFOSR-TR-85-0520)
AD-A158 350/9 25-557,884 PC A02/MF A01

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(ONR-TR-6)
AD-A158 854/0 25-558,379 PC A03/MF A01

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PB85-219889 20-545,023 Not available NTIS

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MIT/CE-7862-02
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DE85015813 26-561,969 PC A15/MF A01

MIT/R-84-07
Behavior of Refractory Linings for Slagging Gasifiers.
DE85015813 26-561,969 PC A15/MF A01

Seismic Design of Gravity Retaining Walls.
(WES/MP/GL-85-1)
AD-A152 325/7 14-532,238 PC A08/MF A01

The Effects of a Jet-Like Current on Gravity Waves in Shallow Water.
AD-A157 102/5 23-552,622 Not available NTIS

Lifting of a Large Object from a Porous Seabed.
AD-A157 156/1 23-553,574 PC A02/MF A01

A Numerical Study of Water-Wave Modulation Based on a Higher-Order Nonlinear Schroedinger Equation.
AD-A157 279/1 23-554,188 PC A02/MF A01

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(FHWA/RD-83/080)
PB85-164911 11-524,672 PC A10/MF A01

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SCIENTIFIC-1
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(AFGL-TR-84-0227)
AD-A155 206/6 19-542,970 PC A03/MF A01

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. DEPT. OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE.

TR-2
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AD-A150 863/9 11-524,447 PC A02/MF A01

Coherent VLSI (Very Large Scale Integration) Design Environment.
AD-A158 540/5 25-558,238 PC A05/MF A01

MASSACHUSETTS INST. OF TECH., CAMBRIDGE. DEPT. OF MATERIALS SCIENCE AND ENGINEERING.

DOE/ER/05002-24
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DE82007798 24-555,702 PC A03/MF A01

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DE85002596 09-519,396 PC A02/MF A01

DOE/ER/45116-3
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DE85000425 09-520,184 PC A02

DOE/ER/45116-4
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DE85004598 09-519,406 PC A02/MF A01

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DE85013650 **24**-*556,902* PC **A17**/MF **A01**

DOE/ET/51013-148
MHD Stabilization of High beta Mirror Plasma Partially Enclosed by Conducting Wall.
(-CONF--850474--1)
DE85015579 **25**-*559,680* PC **A02**/MF **A01**

DOE/ET/51013-149
Theory of the Anomalous Doppler Instability During Lower-Hybrid Current Drive.
(-CONF--8505130--8)
DE85014064 **24**-*556,904* PC **A02**/MF **A01**

DOE/ET/51013-152
Soft X-Ray Tomography on the Alcator C Tokamak.
DE85014755 **22**-*551,690* PC **A07**/MF **A01**

DOE/ET/51013-153
Energy Confinement Studies of Lower Hybrid Current Driven Discharges in the Alcator C Tokamak.
(-CONF--8505130--9)
DE85014754 **22**-*551,689* PC **A02**/MF **A01**

DOE/ET/51013-T3
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DE85014753 **24**-*556,256* PC **A04**/MF **A01**

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DE85007892 **14**-*532,415* PC **A03**/MF **A01**

MIT/PFC/JA-85-12
Analytic Mirror Equilibria with New Long-Thin Terms.
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(-CONF--840311--17)
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(-CONF--840910--20)
DE85004918 **11**-*525,531* PC **A02**/MF **A01**

PFC/CP-84-15
TARA Diagnostic Set.
(-CONF--840922--20)
DE85004845 **12**-*528,044* PC **A02**/MF **A01**

PFC/CP-85-2
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(-CONF--850474--1)
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PFC/RR-83-26
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AD-A153 982/4 **16**-*536,750* PC **A02**/MF **A01**

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TR-501
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TR-502
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TR-503
Automated Circuit Extraction from Mask Descriptions of MOS Networks.
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AD-A151 208/6 **12**-*526,966* PC **A07**/MF **A01**

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AD-A146 503/8 **01**-*502,412* PC **A02**/MF **A01**

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AD-A147 227/3 **03**-*507,673* PC **A02**/MF **A01**

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AD-A153 605/1 **16**-*535,661* PC **A06**/MF **A01**

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TAP-82-3
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(AID-PN-AAM-393)
PB85-147544 **08**-*517,126* PC **A05**/MF **A01**

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TAP-82-5
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(FAA-RD-79-21-VOL-3-PT1)
AD-A148 268/6 **05**-*512,179* PC **A13**/MF **A01**

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(DOT/FAA/PM-84-1)
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ATC-125
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(DOT/FAA/PM-84/4)
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(DOT/FAA/PM-84/13)
AD-A148 139/9 **04**-*508,083* PC **A04**/MF **A01**

ATC-130
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JA-5196
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JA-5217
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JA-5272
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(ESD-TR-85-050)
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AD-A147 027/7 02-*503,853* Not available NTIS

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AD-A147 899/9 04-*508,873* PC **A02**/MF **A01**

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AD-A153 260/5 **15**-*533,533* PC **A02**/MF **A01**

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AD-A147 584/7 **03**-*506,219* PC **A02**/MF **A01**

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AD-A147 088/9 **02**-*504,393* PC **A02**/MF **A01**

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AD-A153 003/9 **15**-*534,254* PC **A02**/MF **A01**

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AD-A147 933/6 **04**-*509,281* PC **A02**/MF **A01**

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AD-A147 807/2 **04**-*510,377* PC **A02**/MF **A01**

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AD-A147 902/1 **04**-*509,762* PC **A02**/MF **A01**

JA-5517
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AD-A147 936/9 **04**-*509,763* PC **A02**/MF **A01**

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AD-A158 743/5 **25**-*559,390* PC **A03**/MF **A01**

JA-5520
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AD-A154 198/6 **17**-*539,340* PC **A02**/MF **A01**

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AD-A154 214/1 **17**-*537,978* PC **A02**/MF **A01**

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JA-5528
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JA-5543
Exciton Transport in Optically Excited Al(x)Ga(1-x)As-GaAs Single Quantum Well.
(ESD-TR-85-165)
AD-A154 452/7 **17**-*539,468* PC **A02**/MF **A01**

JA-5546
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AD-A152 866/0 **15**-*533,878* PC **A02**/MF **A01**

JA-5550
Mode-Locked Operation of Co:MgF2 and Ni:MgF2 Lasers.
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AD-A147 794/2 **04**-*510,209* PC **A02**/MF **A01**

JA-5551
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(ESD-TR-85-166)
AD-A154 266/1 **17**-*539,316* PC **A02**/MF **A01**

JA-5553
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(ESD-TR-84-347)
AD-A153 184/7 **15**-*534,770* PC **A02**/MF **A01**

JA-5554
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(ESD-TR-85-167)
AD-A154 454/3 **17**-*539,283* PC **A02**/MF **A01**

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(ESD-TR-84-275)
AD-A149 325/3 **08**-*516,347* PC **A02**/MF **A01**

JA-5559
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(ESD-TR-84-348)
AD-A152 852/0 **15**-*533,769* PC **A02**/MF **A01**

JA-5559
GaAs MESFET's Fabricated on Monolithic GaAs/Si Substrates.
(ESD-TR-85-170)
AD-A154 260/2 **17**-*537,882* PC **A02**/MF **A01**

JA-5560
Molecular Beam Epitaxy of GaAs and AlGaAs on Si.
(ESD-TR-84-058)
AD-A147 400/6 **03**-*507,260* PC **A02**/MF **A01**

JA-5561
A Self-Aligned Dual-Grating GaAs Permeable Base Transistor.

(ESD-TR-84-059)
AD-A147 252/1 03-506,053 PC A02/MF A01

JA-5564
Signal Correlation Using a One-Dimensional Electroabsorptive CCD (Charge-Coupled Device) Spatial Light Modulator.
(ESD-TR-84-328)
AD-A153 024/5 15-533,864 PC A02/MF A01

JA-5565
Amplitude Distribution of Composite Terrain Radar Clutter and the K-Distribution.
(ESD-TR-85-190)
AD-A154 265/3 17-538,618 PC A02/MF A01

JA-5566
GaAlAs Semiconductor Diode Laser 4-ary Frequency Shift Key Modulation at 100 Mbit/s.
(ESD-TR-84-322)
AD-A151 587/3 12-527,648 PC A02/MF A01

JA-5569
The Future of High Efficiency Solar Cells.
(ESD-TR-85-168)
AD-A154 373/5 17-538,109 PC A02/MF A01

JA-5570
Annealing of Damage in Se(+)-Implanted Indium Phosphide.
(ESD-TR-84-262)
AD-A147 972/4 04-510,381 PC A02/MF A01

JA-5571
Laser Microchemical Techniques for Reversible Restructuring of Gate-Array Prototype Circuits.
(ESD-TR-84-349)
AD-A153 146/6 15-533,867 PC A02/MF A01

JA-5575
The Effect of Base-Schottky Geometry on Si PBT (Permeable Base Transistor) Device Performance.
(ESD-TR-85-169)
AD-A154 281/0 17-537,883 PC A02/MF A01

JA-5578
Patterned Photonucleation of Chemical Vapor Deposition Al by UV-Laser Photodeposition.
(ESD-TR-84-060)
AD-A146 896/6 02-503,622 PC A02/MF A01

JA-5582
Triple Ion Implantation Technique for Formation of Shallow npn Bipolar Transistor Structures in Silicon.
(ESD-TR-84-249)
AD-A147 995/5 04-509,053 PC A02/MF A01

JA-5584
UV-Laser Photodeposition from Surface-Adsorbed Mixtures of Trimethylaluminum and Titanium Tetrachloride.
(ESD-TR-84-298)
AD-A149 326/1 08-516,375 PC A02/MF A01

JA-5585
Wide-Band Electrooptic Guided-Wave Analog-to-Digital Converters.
(ESD-TR-84-350)
AD-A153 183/9 15-533,809 PC A02/MF A01

JA-5586
Developments in Radar Imaging.
(ESD-TR-84-320)
AD-A151 533/7 12-527,676 PC A03/MF A01

JA-5587
Spectral Characteristics of (GaAl)As Diode Lasers at 1.7 K.
(ESD-TR-84-061)
AD-A147 193/7 03-507,319 PC A02/MF A01

JA-5589
High Efficiency Binary Lenses.
(ESD-TR-85-216)
AD-A156 614/0 22-551,323 PC A02/MF A01

JA-5590
Low Threshold GaInAsP/InP Buried-Heterostructure Lasers with a Chemically Etched and Mass-Transported Mirror.
(ESD-TR-84-250)
AD-A147 996/3 04-510,212 PC A02/MF A01

JA-5593
Unified Multiple-Beam Uplink Configuration for EHF (Extremely High Frequency) Satellite Communications.
(ESD-TR-84-304)
AD-A151 762/2 13-529,919 PC A02/MF A01

JA-5600
Coupling between Successive Ti:LiNbO3 Waveguide Bends and Branches.
(ESD-TR-84-266)
AD-A148 146/4 04-510,229 PC A02/MF A01

JA-5601
Q Switching of Low-Threshold Buried-Heterostructure Diode Lasers at 10 GHz.
(ESD-TR-84-062)
AD-A147 401/4 03-507,321 PC A02/MF A01

JA-5602
On Initial Orbit Determination.
(ESD-TR-84-063)
AD-A146 912/1 02-505,247 PC A02/MF A01

JA-5607
High Frequency Heterodyne Spectroscopy with Current-Modulated Diode Lasers.
(ESD-TR-84-291)
AD-A150 628/6 10-522,967 PC A02/MF A01

JA-5610
Submicrometer Patterning by Projected Excimer-Laser-Beam Induced Chemistry.
(ESD-TR-84-308)
AD-A151 483/5 12-526,653 PC A02/MF A01

JA-5612
Effects of Ionizing Radiation on SOI/CMOS Devices Fabricated in Zone-Melting-Recrystallized Si Films on SiO2.
(ESD-TR-84-064)
AD-A146 975/8 02-503,763 PC A02/MF A01

JA-5614
Low-Loss Multiple-Branching Circuit in Ti-Indiffused LiNbO3 Channel Waveguides.
(ESD-TR-85-171)
AD-A154 254/7 17-539,342 PC A02/MF A01

JA-5616
Frequency-Agile Electro-Optically Q-Switched CO2 Laser for DIAL (Differential Absorption Lidar) Measurements.
(ESD-TR-84-300)
AD-A150 587/4 10-522,965 PC A02/MF A01

JA-5618
AlGaAs Double-Heterostructure Diode Lasers Fabricated on a Monolithic GaAs/Si Substrate.
(ESD-TR-84-065)
AD-A147 320/6 03-507,320 PC A02/MF A01

JA-5622
Oxygen in Zone-Melting-Recrystallized Silicon-on-Insulator Films: its Distribution and Possible Role in Sub-Boundary Formation.
(ESD-TR-85-194)
AD-A155 087/0 18-541,653 PC A02/MF A01

JA-5623
Advances in LEC (Liquid-Encapsulated Czochralski) Growth of InP Crystals.
(ESD-TR-85-177)
AD-A153 739/8 16-536,720 PC A02/MF A01

JA-5627
Picosecond Gain Measurements in a GaAlAs Diode Laser.
(ESD-TR-84-265)
AD-A147 993/0 04-510,211 PC A02/MF A01

JA-5635
Traveling-Wave Electro-Optic Modulator with Maximum Bandwidth-Length Product.
(ESD-TR-84-292)
AD-A150 629/4 10-522,976 PC A02/MF A01

JA-5636
'Thermal Fixing' of Ti-Indiffused LiNbO3 Channel Waveguides for Reduced Photorefractive Susceptibility.
(ESD-TR-84-066)
AD-A147 195/2 03-507,336 PC A02/MF A01

JA-5637
Optical Guided-Wave Gallium Arsenide Monolithic Interferometer.
(ESD-TR-84-067)
AD-A147 251/3 03-507,338 PC A02/MF A01

JA-5644
Use of Spatial Time-Division Repetition Rate Multiplication of Mode-Locked Laser Pulses to Generate Microwave Radiation from Optoelectronic Switches.
(ESD-TR-84-068)
AD-A147 129/1 02-504,465 PC A02/MF A01

JA-5648
A High-Frequency GaAs Optical Guided-Wave Electrooptic Interferometric Modulator.
(ESD-TR-85-228)
AD-A158 583/5 25-559,433 PC A02/MF A01

JA-5651
Detrimental Optical Properties of Germanium Intermediate Layers in Monolithic Tandem Solar Cell Structures.
(ESD-TR-85-227)
AD-A158 747/6 25-558,131 PC A02/MF A01

JA-5653
Comparison of Laser-Initiated and Thermal Chemical Vapor Deposition of Tungsten Films.
(ESD-TR-84-069)
AD-A147 402/2 03-507,261 PC A02/MF A01

JA-5656
Metal-Semiconductor Field-Effect Transistors Fabricated in GaAs Layers Grown Directly on Si Substrates by Molecular Beam Epitaxy.
(ESD-TR-84-286)
AD-A149 001/0 07-514,782 PC A02/MF A01

JA-5660
Masked Ion Beam Resist Esposure Using Grid Support Stencil Masks.
(ESD-TR-84-316)
AD-A151 586/5 12-527,403 PC A02/MF A01

JA-5661
Repair of X-Ray Lithography Masks Using UV-Laser Photodeposition.
(ESD-TR-84-317)
AD-A151 522/0 12-527,400 PC A02/MF A01

JA-5664
Ion-Beam-Assisted Etching of Diamond.
AD-A151 426/4 12-527,398 PC A02/MF A01

JA-5665
Error Reduction in Laser Remote Sensing: Combined Effects of Cross Correlation and Signal Averaging.
(ESD-TR-85-032)
AD-A153 153/2 15-534,500 PC A02/MF A01

JA-5666
Effect of Ion Species and Adsorbed Gas on Dry Etching Induced Damage in GaAs.
(ESD-TR-84-318)
AD-A151 585/7 12-528,085 PC A02/MF A01

JA-5671
Selective Tungsten Silicide Formation by Ion-Beam Mixing and Rapid Thermal Annealing.
(ESD-TR-85-178)
AD-A153 728/1 16-536,327 PC A02/MF A01

JA-5676
Quantum Well Oscillators.
AD-A150 698/9 11-524,288 PC A02/MF A01

JA-5680
UV Laser Photodeposition of Patterned Catalyst Films from Adsorbate Mixtures.
(ESD-TR-84-305)
AD-A151 435/5 12-526,722 PC A02/MF A01

JA-5684
High-Field Electron Capture and Emission in Nitrided Oxides.
(ESD-TR-85-179)
AD-A153 725/7 16-536,929 PC A02/MF A01

JA-5687
High Resistivity InGaAs(Fe) Grown by a Liquid Phase Epitaxial Substrate-Transfer Technique.
(ESD-TR-84-301)
AD-A150 697/1 11-525,595 PC A02/MF A01

JA-5688
Lateral Photodetectors on Semi-Insulating InGaAs and InP.
(ESD-TR-84-310)
AD-A151 584/0 12-526,876 PC A02/MF A01

JA-5695
Summary Abstract: Laser-Microchemical Reactions for Maskless Device Processing: Surface Modifications for Selected-Area Growth.
(ESD-TR-85-217)
AD-A156 612/4 22-550,747 PC A02/MF A01

JA-5696
Surface-Emitting GaInAsP/InP Laser with Low Threshold Current and High Efficiency.
AD-A151 425/6 12-527,932 PC A02/MF A01

JA-5701
Planar GaAs p-i-n Photodiode with Picosecond Time Response.
(ESD-TR-84-312)
AD-A151 433/0 12-526,872 PC A02/MF A01

JA-5703
A Novel GaInAsP/InP Distributed Feedback Laser.
(ESD-TR-84-313)
AD-A151 583/2 12-527,937 PC A02/MF A01

JA-5711
High-Density Excitonic State in Two-Dimensional Multiple Quantum Wells.
(ESD-TR-85-234)
AD-A158 748/4 25-559,790 PC A02/MF A01

JA-5714
The Constitution of Nitrided Oxides and Reoxidized Nitrided Oxides on Silicon.
(ESD-TR-85-224)
AD-A157 950/7 24-557,010 PC A02/MF A01

JA-5719
Equalisation of Semiconductor Diode Laser Frequency Modulation with a Passive Network.
(ESD-TR-85-218)
AD-A156 615/7 22-551,304 PC A02/MF A01

JA-5722
Wide-Bandwidth Guided-Wave Electro-Optic Intensity Modulator at Lambda = 3.39 Micrometers.
(ESD-TR-85-199)
AD-A155 411/2 19-544,032 PC A02/MF A01

JA-5731
Persistent Photoconductivity in Quantum Well Resonators.
(ESD-TR-85-219)
AD-A156 611/6 22-551,758 PC A02/MF A01

JA-5732
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(ESD-TR-85-220)
AD-A156 613/2 22-551,235 PC A02/MF A01

JA-5741
Laser Linewidth.
(ESD-TR-85-223)
AD-A157 970/5 24-556,659 PC A02/MF A01

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Laser Photochemical Fabrication of Phase-Controlled 160-nm Period Gratings by Stimulated Second-Order Surface Plasma-Wave Scattering.
(ESD-TR-85-232)
AD-A158 742/7 25-559,437 PC A02/MF A01

JA-5764
Submillimeter-Wave Heterodyne Spectroscopy with a Compact Solid State Radiometer.
(ESD-TR-85-229)
AD-A158 584/3 25-558,786 PC A02/MF A01

MS-198
Spatial Acquisition Algorithms and Systems for Optical ISL.
(ESD-TR-84-082)
AD-A147 760/3 04-509,922 PC A02/MF A01

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MS-5614
Point Image Focus Sensing Using an Automated Foucault Test.
(ESD-TR-84-351)
AD-A153 034/4 **15**-*534,333* PC **A02**/MF **A01**

MS-5660
Parallel Signal Processing for Optical Satellite Detection.
(ESD-TR-84-352)
AD-A152 944/5 **15**-*534,510* PC **A02**/MF **A01**

MS-5665
Measurement Correlation for Multiple Sensor Tracking in a Dense Target Environment.
(ESD-TR-84-353)
AD-A153 026/0 **15**-*534,332* PC **A02**/MF **A01**

MS-5675
Adaptive Detection of Targets in Laser Speckle Noise.
(ESD-TR-84-354)
AD-A153 055/9 **15**-*534,512* PC **A02**/MF **A01**

MS-5676
Holographic Beam Shaping for Optical Heterodyne Arrays in Laser Radars.
(ESD-TR-84-355)
AD-A152 848/8 **15**-*534,498* PC **A02**/MF **A01**

MS-5711
On Estimation of Image Signal-to-Noise Ratio and Centroid of Coherent Laser Radar Target Images.
(ESD-TR-85-002)
AD-A153 025/2 **15**-*534,499* PC **A02**/MF **A01**

MS-5729
Laser and Millimeter-Wave Backscatter of Transmission Cables.
(ESD-TR-85-004)
AD-A153 147/4 **15**-*533,868* PC **A02**/MF **A01**

MS-5748
Oxide Barriers to the Formation of Refractory Silicides.
(ESD-TR-85-005)
AD-A152 931/2 **15**-*534,011* PC **A02**/MF **A01**

MS-5759A
Laser Radar Beam Control with Holographic Diffraction Gratings.
(ESD-TR-84-078)
AD-A147 570/6 **03**-*506,912* PC **A02**/MF **A01**

MS-5760
Transient Heating with Graphite Heaters for Semiconductor Processing.
(ESD-TR-85-006)
AD-A152 930/4 **15**-*535,100* PC **A02**/MF **A01**

MS-5763
Preparation of Oriented GaAs Bicrystal Layers by Vapor-Phase Epitaxy Using Lateral Overgrowth.
(ESD-TR-85-003)
AD-A152 999/9 **15**-*534,735* PC **A02**/MF **A01**

MS-5764
Single-Crystal GaAs Films on Amorphous Substrates by the CLEFT Process.
(ESD-TR-85-007)
AD-A152 929/6 **15**-*534,731* PC **A02**/MF **A01**

MS-5767
Silicon-on-Insulation MOSFETs Fabricated in Zone-Melting-Recrystallized Poly-Si Films on SiO2.
(ESD-TR-85-009)
AD-A153 004/7 **15**-*533,773* PC **A02**/MF **A01**

MS-5781
Military Applications of Coherent Infrared Radar.
(ESD-TR-85-010)
AD-A152 847/0 **15**-*534,497* PC **A02**/MF **A01**

MS-5800
Review of Laser Technology at M.I.T. (Massachusetts Institute of Technology) Lincoln Laboratory.
(ESD-TR-85-011)
AD-A153 001/3 **15**-*534,769* PC **A02**/MF **A01**

MS-5809
Theory and Status of High Performance Heterodyne Detectors.
(ESD-TR-85-012)
AD-A152 697/9 **14**-*531,630* PC **A02**/MF **A01**

MS-5837A
High Speed Charge-Coupled Device (CCD) Two-Dimensional Correlator.
(ESD-TR-85-013)
AD-A152 808/2 **15**-*533,861* PC **A02**/MF **A01**

MS-5862
Receiver Technology for the Millimeter and Submillimeter Wave Regions.
(ESD-TR-85-014)
AD-A152 810/8 **15**-*534,509* PC **A02**/MF **A01**

MS-5865
Wideband, Phase Coded Millimeter Wave Instrumentation Radar.
(ESD-TR-85-015)
AD-A152 809/0 **15**-*534,516* PC **A02**/MF **A01**

MS-5883A
Performance Characteristics of a 4-Bit 828-Megasamples/Sec Electro-Optic Analog-to-Digital Converter.
(ESD-TR-85-016)
AD-A152 767/0 **15**-*533,858* PC **A02**/MF **A01**

MS-5925
Heterodyne Experiments from Millimeter Wave to Optical Frequencies Using GaAs MESFETs above fT.
(ESD-TR-85-017)
AD-A152 956/9 **15**-*534,781* PC **A02**/MF **A01**

MS-5927
A Two-Stage Monolithic IF Amplifier Utilizing a High Dielectric Constant Capacitor.
(ESD-TR-85-018)
AD-A152 769/6 **15**-*533,859* PC **A02**/MF **A01**

MS-5970
A Bandwidth Analysis of Baseline Networks.
(ESD-TR-85-019)
AD-A152 768/8 **15**-*534,482* PC **A02**/MF **A01**

MS-6025
Optimal Control in Adaptive Optics Modeling of Nonlinear Systems.
(ESD-TR-84-079)
AD-A147 607/6 **04**-*510,222* PC **A02**/MF **A01**

MS-6039
Phase-Conjugate Adaptive-Optics Experiments.
(ESD-TR-85-020)
AD-A152 770/4 **15**-*534,778* PC **A02**/MF **A01**

MS-6065
Fabrication of GaAs CCDs for High-Speed Spatial Light Modulators.
(ESD-TR-85-021)
AD-A152 965/0 **15**-*534,782* PC **A02**/MF **A01**

MS-6073
Electronic Properties of Grain Boundaries in GaAs: A Study of Oriented Bicrystals Prepared by Epitaxial Lateral Overgrowth.
(ESD-TR-84-080)
AD-A147 583/9 **03**-*507,747* PC **A02**/MF **A01**

MS-6075
Maximum Likelihood Estimation of Spectral Parameters Using Burst Waveforms.
(ESD-TR-84-070)
AD-A147 022/8 **02**-*504,582* PC **A02**/MF **A01**

MS-6077
Ion Implantation Technique for Simultaneous Formation of a Shallow Silicon p-n Junction and a Shallow Silicide-Silicon Ohmic Contact.
(ESD-TR-84-071)
AD-A147 132/5 **02**-*505,097* PC **A02**/MF **A01**

MS-6107
The Microwave Silicon Permeable Base Transistor.
(ESD-TR-85-022)
AD-A152 718/3 **14**-*531,631* PC **A02**/MF **A01**

MS-6154
Object Detection by Two-Dimensional Linear Prediction.
(ESD-TR-84-103)
AD-A147 566/4 **03**-*506,094* PC **A02**/MF **A01**

MS-6187
Performance of a Coded Optical Communication System Using an APD (Avalanche Photo-Detector) Direct Detection Receiver.
(ESD-TR-85-023)
AD-A152 968/4 **15**-*534,483* PC **A02**/MF **A01**

MS-6207
Limitations of Laser Transmission Measurements due to Correlated Atmospheric Effects.
(ESD-TR-84-083)
AD-A147 424/6 **03**-*505,392* PC **A02**/MF **A01**

MS-6221
Performance Criteria of Components Required for Electrooptic Analog-to-Digital Conversion.
(ESD-TR-85-024)
AD-A152 698/7 **14**-*531,714* PC **A02**/MF **A01**

MS-6232
Resolution and Accuracy, Ambiguity and Anomaly for Range-Spread Speckle Targets.
(ESD-TR-84-084)
AD-A147 551/6 **03**-*506,911* PC **A02**/MF **A01**

MS-6239
A Demonstration of Very Large Area Integration Using Laser Restructuring.
(ESD-TR-84-085)
AD-A147 475/8 **03**-*506,218* PC **A02**/MF **A01**

MS-6243
A Custom IC for Automatic Gain Control in LPC Vocoders.
(ESD-TR-84-086)
AD-A147 421/2 **03**-*506,214* PC **A02**/MF **A01**

MS-6252
Heterodyne Lasercom Systems Using GaAs Lasers for ISL (Intersatellite-Link) Applications.
(ESD-TR-84-087)
AD-A147 470/9 **03**-*506,877* Not available NTIS

MS-6271
Monolithic Frequency Doublers.
(ESD-TR-84-088)
AD-A147 393/3 **03**-*506,213* PC **A02**/MF **A01**

MS-6273
A Single Wafer 16-Point 16-MHz FFT (Fast Fourier Transform) Processor.
(ESD-TR-84-089)
AD-A147 514/4 **03**-*506,057* PC **A02**/MF **A01**

MS-6292
A Precision Wide-Range Optical Gap Measurement Technique.
(ESD-TR-84-091)
AD-A147 550/8 **03**-*506,741* PC **A02**/MF **A01**

MS-6293
Generation of < 50 nm Period Gratings Using Edge Defined Techniques.
(ESD-TR-84-092)
AD-A147 596/1 **03**-*507,348* PC **A02**/MF **A01**

MS-6297
Numerical Aspects of the Inverse Function Theory.
(ESD-TR-84-093)
AD-A147 474/1 **03**-*506,512* PC **A02**/MF **A01**

MS-6323
Developments in Fabrication of Binary Optical Elements.
(ESD-TR-84-094)
AD-A147 457/6 **03**-*507,344* PC **A02**/MF **A01**

MS-6334
Quartz Rotary-Table Substrate Holder for Epitaxial Growth Reactor.
(ESD-TR-84-095)
AD-A147 044/2 **02**-*504,849* PC **A02**/MF **A01**

MS-6339
The Experimental Integrated Switched Network - A System-Level Network Test Facility.
(ESD-TR-84-096)
AD-A147 608/4 **04**-*509,816* PC **A02**/MF **A01**

MS-6347
Calculation of Intrinsic Capacitances of GaAs FETs for Switching Circuits.
(ESD-TR-85-034)
AD-A152 720/9 **14**-*531,633* PC **A02**/MF **A01**

MS-6364
A Displaced Phase Center Antenna Concept for Space Based Radar Applications.
(ESD-TR-85-025)
AD-A152 738/1 **14**-*532,409* PC **A02**/MF **A01**

MS-6371
Mosaic CCD Focal Plane Technology for Electro-Optical Space Surveillance.
(ESD-TR-85-026)
AD-A152 737/3 **14**-*532,314* PC **A02**/MF **A01**

MS-6378
Measurement of Electroacoustic Coefficients in LiNbO3 and LiTaO3 and Application to Signal-Processing Devices.
(ESD-TR-84-098)
AD-A147 595/3 **03**-*507,253* PC **A02**/MF **A01**

MS-6379
Surface-Photoacoustic-Wave Spectroscopy of Thin Films.
(ESD-TR-84-099)
AD-A147 515/1 **03**-*507,252* PC **A02**/MF **A01**

MS-6382
Electromagnetically-Induced Surface Microstructures and Enhanced Field Effects in Laser Processing.
(ESD-TR-84-267)
AD-A147 997/1 **04**-*509,765* Not available NTIS

MS-6393
Wideband Signal Processing for Communication and Radar.
(ESD-TR-85-027)
AD-A152 699/5 **14**-*532,383* PC **A02**/MF **A01**

MS-6402
Laser Direct Write Technologies as Tools for Gate-Array Development.
(ESD-TR-84-270)
AD-A147 974/0 **04**-*509,764* PC **A02**/MF **A01**

MS-6408
High-Speed InP Based Photodetectors.
(ESD-TR-85-028)
AD-A152 719/1 **14**-*531,632* PC **A02**/MF **A01**

MS-6410
Multistatic Vector Inverse Scattering.
(ESD-TR-84-323)
AD-A151 484/3 **12**-*527,675* PC **A02**/MF **A01**

MS-6411
Laser Fabrication of Micron-Size Structures on CdS.
(ESD-TR-84-271)
AD-A148 266/0 **05**-*511,960* PC **A02**/MF **A01**

MS-6414
Adaptive Noise Cancellation in a Fighter Cockpit Environment.
(ESD-TR-85-036)
AD-A153 178/9 **15**-*534,488* PC **A02**/MF **A01**

MS-6417
Homomorphic Restoration of Images Degraded by Light Cloud Cover.
(ESD-TR-85-030)
AD-A152 966/8 **15**-*534,511* PC **A02**/MF **A01**

MS-6423
InP Optoelectronic Switches and Their High-Speed Signal-Processing Applications.
(ESD-TR-84-100)
AD-A147 023/6 **02**-*503,765* PC **A02**/MF **A01**

MS-6430
Optimal Design and Performance of a Dual-Detector Optical Heterodyne Receiver for Local Oscillator Noise Suppression.
(ESD-TR-84-101)
AD-A147 072/3 **02**-*504,899* PC **A02**/MF **A01**

MS-6433
Fabrication and Characterization of Ti-Indiffused and Proton Exchange Waveguides in LiNbO3.
(ESD-TR-84-278)
AD-A149 327/9 **08**-*517,793* PC **A02**/MF **A01**

MS-6434
Modulation Design for Heterodyne Optical Communication System.
(ESD-TR-84-102)
AD-A147 071/5 02-*504,563* PC **A02**/MF **A01**

MS-6438
An Electroabsorptive CCD Spatial Light Modulator.
(ESD-TR-84-051)
AD-A147 194/5 03-*507,335* PC **A02**/MF **A01**

MS-6444
AlGaAs Shallow-Homojunction Solar Cells for Tandem Applications.
(ESD-TR-84-052)
AD-A147 228/1 03-*506,289* PC **A02**/MF **A01**

MS-6450
GaAs CLEFT Solar Cells for Space Applications.
(ESD-TR-84-054)
AD-A147 192/9 03-*506,287* PC **A02**/MF **A01**

MS-6452
GaAsP Shallow-Homojunction Solar Cells for Tandem Applications.
(ESD-TR-84-055)
AD-A147 321/4 03-*506,290* PC **A02**/MF **A01**

MS-6456
GaAs/Ge/Si Solar Cells.
(ESD-TR-84-056)
AD-A147 226/5 03-*506,288* PC **A02**/MF **A01**

MS-6463
A Distributed Aeroacoustic Tracking Algorithm.
(ESD-TR-84-053)
AD-A146 978/2 02-*504,552* PC **A02**/MF **A01**

MS-6465
Masked Ion Beam Lithography Using Stencil Masks.
(ESD-TR-85-037)
AD-A153 053/4 15-*534,431* PC **A02**/MF **A01**

MS-6475
Magnitude-Only Reconstruction Using a Sinusoidal Speech Model.
(ESD-TR-85-038)
AD-A153 052/6 15-*534,486* PC **A02**/MF **A01**

MS-6502
A Wafer-Scale Digital Integrator.
(ESD-TR-85-033)
AD-A152 771/2 15-*533,860* PC **A02**/MF **A01**

MS-6540
Buried-Heterostructure Q-Switched Diode Lasers.
(ESD-TR-85-039)
AD-A152 849/6 15-*534,766* PC **A02**/MF **A01**

MS-6544
GaAs Monolithic Frequency Doublers with Series Connected Varactor Diodes.
(ESD-TR-85-040)
AD-A152 945/2 15-*533,770* PC **A02**/MF **A01**

MS-6575
Receiver Technology for the Submillimeter-Wave Region.
(ESD-TR-85-182)
AD-A154 227/3 17-*537,970* PC **A02**/MF **A01**

MS-6613
Low Power Ion-Beam-Assisted Etching of Indium Phosphide.
(ESD-TR-85-200)
AD-A155 713/1 19-*543,600* PC **A02**/MF **A01**

MS-6648A
Process Considerations in Restructurable VLSI for Wafer-Scale Integration.
(ARO-TR-85-176)
AD-A153 569/9 16-*536,041* PC **A02**/MF **A01**

MS-6651
A New High-Efficiency GaAs Solar Cell Structure Using a Heterostructure Back-Surface Field.
(ESD-TR-84-057)
AD-A147 534/2 03-*506,291* PC **A02**/MF **A01**

MS-6654
Guided-Wave Optics in LiNbO3: Physical Properties, Devices and Signal-Processing Systems.
(ESD-TR-85-192)
AD-A155 088/8 18-*541,700* PC **A02**/MF **A01**

MS-6663
The Anisotropy Paradox of CO2+ Ions in Lithium Ferrite.
(ESD-TR-85-207)
AD-A156 350/1 21-*549,154* PC **A02**/MF **A01**

MS-6702
Wide-Band SAW (Surface-Acoustic Wave) FET Programmable Transversal Filter.
(ESD-TR-85-183)
AD-A154 401/4 17-*537,982* PC **A02**/MF **A01**

MS-6719
Applications of Beam-Solid Interactions in Semiconductor Material and Device Processing.
(ESD-TR-85-203)
AD-A156 539/9 21-*547,892* PC **A02**/MF **A01**

MS-6720
SOI (Silicon-on-Insulator) Technologies: Device Applications and Future Prospects.
(ESD-TR-85-202)
AD-A156 309/7 21-*547,891* PC **A02**/MF **A01**

MS-6722
Recent Advances in Si and Ge Zone-Melting Recrystallization.
(ESD-TR-85-204)
AD-A157 084/5 23-*553,545* PC **A02**/MF **A01**

MS-6731
Merged CMOS/Bipolar Technologies and Microwave MESFETS Utilizing Zone-Melting-Recrystallized SOI Films.
(ESD-TR-85-184)
AD-A154 450/1 17-*537,888* PC **A02**/MF **A01**

MS-6753
Speech Transformations Based on a Sinusoidal Representation.
(ESD-TR-85-221)
AD-A156 610/8 22-*550,920* PC **A02**/MF **A01**

MS-6769
Interpretation-Guided Signal Processing via Protocol Analysis.
(ESD-TR-85-208)
AD-A156 348/5 21-*547,515* PC **A02**/MF **A01**

MS-6828
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(ESD-TR-85-198)
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TR-662
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TR-667
Spatial Acquisition Algorithms and Systems for Intersatellite Optical Communication Links.
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AD-A150 794/6 11-*524,868* PC **A07**/MF **A01**

TR-679
Design of an Adaptive Predictive Coder Using a Single-Chip Digital Signal Processor.
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AD-A152 461/0 14-*531,667* PC **A04**/MF **A01**

TR-681
Switch Features That Permit an Outboard Processor to Control Routing and Preemption.
(ESD-TR-84-009)
AD-A146 193/8 01-*502,077* PC **A03**/MF **A01**

TR-684
Limp Flywheel.
(ESD-TR-84-012)
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TR-688
Anisotropy and Relaxation Effects of Co2+ Ions in LiTi Ferrite.
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AD-A146 550/9 01-*502,625* PC **A04**/MF **A01**

TR-689
ML (Maximum Likelihood) Method for Frequency Estimation of Real Sinusoids in Noise.
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TR-691
Speech Enhancement Using Multiple Microphones.
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Speech Analysis/Synthesis Based on a Sinusoidal Representation.
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TR-694
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(ESD-TR-84-032)
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TR-699
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TR-705
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(ESD-TR-84-045)
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TR-712
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SASR-4
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AD-A147 445/1 03-506,571 PC A02/MF A01

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TR-5
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(AID-PN-AAL-344)
PB85-154755 **10**-*520,979* PC **A03**/MF **A01**

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(AID-PN-AAL-343)
PB85-154771 **10**-*520,980* PC **A19**/MF **A01**

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TR-85/ONR-17
Potential for Advanced Computerized Aids for Comprehensible Writing of Technical Documents.
AD-A150 501/5 **10**-*521,940* PC **A03**/MF **A01**

TR-85/ONR-20
Improving the Comprehensibility of a Simulated Technical Manual.
AD-A157 482/1 **23**-*552,198* PC **A04**/MF **A01**

TR-85/ONR-21
Rules for Comprehensible Technical Prose: A Survey of the Psycholinguistic Literature.
AD-A157 586/9 **23**-*552,164* PC **A03**/MF **A01**

TR-85/ONR-22
Augmented Computerized Readability Editing System.
AD-A157 491/2 **23**-*552,201* PC **A02**/MF **A01**

Neutral Beam Interactions with Materials.
AD-A157 445/8 **23**-*554,278* PC **A04**/MF **A01**

MICHIGAN UNIV., ANN ARBOR. COOLEY ELECTRONICS LAB.

021779-1-T
Digital Coding for underwater Acoustic Multipath Channels.
AD-A157 170/2 **23**-*553,759* PC **A11**/MF **A01**

TR-232
Digital Coding for underwater Acoustic Multipath Channels.
AD-A157 170/2 **23**-*553,759* PC **A11**/MF **A01**

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(BUMINES-OFR-182-84)
PB85-109270 **02**-*503,723* PC **A04**/MF **A01**

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UM-016968-F
Detonation Characteristics of Some Dusts and Liquid-Dust Suspensions.
(AFOSR-TR-84-1130)
AD-A148 735/4 **06**-*514,044* PC **A05**/MF **A01**

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PB85-185809 **15**-*533,736* PC **A05**/MF **A01**

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PB85-219632 **18**-*541,057* PC **A03**/MF **A01**

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AD-A155 047/4 **18**-*539,907* PC **A19**/MF **A01**

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AD-A155 048/2 **18**-*539,908* PC **A21**/MF **A01**

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DE85002616 **08**-*517,099* PC **A08**/MF **A01**

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(EPA/600/3-85/010)
PB85-172971 **13**-*528,424* PC **A08**/MF **A01**

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(AFOSR-TR-85-0502)
AD-A158 534/8 **25**-*557,889* PC **A02**/MF **A01**

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UMEE-83R2
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(NSF/CEE-83042)
PB85-150308 **08**-*517,241* PC **A06**/MF **A01**

UMEE-83R4
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(NSF/CEE-83043)
PB85-150241 **08**-*517,240* PC **A04**/MF **A01**

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AD-A151 413/2 **12**-*527,055* PC **A04**/MF **A01**

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(AMMRC-TR-84-46)
AD-A151 421/5 **12**-*527,056* PC **A04**/MF **A01**

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UM/MEAM-84/22
SIMULA: Digital Controller Simulation Package.
(NSF/MEA-84008)
PB85-134492 **05**-*511,513* PC **A06**/MF **A01**

UM/MEAM-84/24
RELTIM: A Library of Routines Used in Real Time Machine Control Applications.
(NSF/MEA-84009)
PB85-116507 **04**-*509,137* PC **A04**/MF **A01**

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(DOT/FAA/CT-84/12)
AD-A150 336/6 **10**-*523,140* PC **A06**/MF **A01**

Feasibility Study for Using Low Boiling Point Fluids to Change Aircraft Tire Deflection.
(AFWAL-TR-84-3111)
AD-A152 096/4 **13**-*528,311* PC **A02**/MF **A01**

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DE85003221 **08**-*517,996* PC **A02**/MF **A01**

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CONF-840877-4
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DE85006835 **12**-*528,096* PC **A02**/MF **A01**

CONF-841005-3
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DE85004029 **10**-*522,626* PC **A02**/MF **A01**

DOE/ER/45059-1
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AD-A149 855/9 **09**-*520,180* Not available NTIS

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AD-A151 305/0 **12**-*528,081* Not available NTIS

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(ARO-18406.10-PH)
AD-A153 219/1 **15**-*535,106* Not available NTIS

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(ARO-18406.11-PH)
AD-A153 221/7 **15**-*535,107* Not available NTIS

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(ARO-18406.12-PH)
AD-A155 528/3 **19**-*544,285* PC **A02**/MF **A01**

Raman Scattering Studies of Donor Transitions in Semiconductor Quantum-Well Structures.
(ARO-18406.9-PH)
AD-A155 917/8 **21**-*549,145* PC **A02**/MF **A01**

Detection of Faint Space Object with Solid State Image Detectors.
(AFOSR-TR-85-0389)
AD-A158 594/2 **25**-*557,271* PC **A02**/MF **A01**

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PB85-130318 **08**-*516,432*
(Order as PB85-130078, PC **A99**/MF **A01**)

Experimental Determinations of the Anomalous Magnetic Moments of the Free Leptons.
PB85-130490 **08**-*518,015*
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(NSF/ENG-85013)
PB85-237105 **25**-*558,119* PC **A05**/MF **A01**

MICHIGAN UNIV., ANN ARBOR. GREAT LAKES RESEARCH DIV.

SR-98
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PB85-197812 **17**-*537,437* PC **E07**/MF **A01**

SR-108
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PB85-197978 **17**-*538,515* PC **E12**/MF **A01**

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(EPA/600/J-82/436)
PB85-103117 **01**-*501,781* Not available NTIS

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UM-HSRI-82-7
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PB85-145779 **08**-*517,229* PC **A06**/MF **A01**

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(NIMH-85-464)
PB85-147452 **07**-*514,620* PC **A02**/MF **A01**

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PERLAB-5
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AD-A148 406/2 **05**-*510,923* PC **A03**/MF **A01**

PERLAB-6
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MICHIGAN UNIV., ANN ARBOR. ROBOT SYSTEMS DIV.

RSD-TR-12-84
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(AFOSR-TR-84-1016)
AD-A148 204/1 **05**-*511,980* PC **A07**/MF **A01**

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Biochemistry and Pathogenic Hypotheses of Organophosphorus-Induced Delayed Neurotoxicity.
AD-P004 026/1 **01**-*500,885* PC **A02**/MF **A01**

MICHIGAN UNIV., ANN ARBOR. SOLID-STATE ELECTRONICS LAB.

TR-170
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(AFWAL-TR-84-1174)
AD-A150 332/5 **10**-*523,123* PC **A08**/MF **A01**

TR-171
Measurement Methods for Accurate Microwave Characterization and Modeling of MESFET Chips.
(AFWAL-TR-84-1177)
AD-A152 360/4 **14**-*531,627* PC **A12**/MF **A01**

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(AFWAL-TR-85-1064)
AD-A157 031/6 **22**-*550,283* PC **A05**/MF **A01**

MICHIGAN UNIV., ANN ARBOR. SUPERCOMPUTER ALGORITHM RESEARCH LAB.

Sparse Elimination on Vector Multiprocessors.
(AFOSR-TR-85-0542)
AD-A158 274/1 **24**-*555,522* PC **A02**/MF **A01**

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(DLETA-21-26-80-18)
PB85-151488 **09**-*518,572* PC **A17**/MF **A01**

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(HUD-0003999)
PB85-217404 **17**-*537,301* PC **A06**/MF **A01**

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UMTRI-83-9
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PB85-113553 **02**-*504,250* PC **A09**/MF **A01**

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(DOT-HS-806-412)
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PB85-232601 **23**-*553,450* PC **A03**/MF **A01**

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UMTRI-84-18
Relationship of Truck Tire/Wheel Nonuniformities to Cyclic Force Generation.
PB85-184406 **16**-*536,322* PC **A07**/MF **A01**

UMTRI-84-22
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(DOT-HS-806-631)
PB85-174571 **14**-*532,056* PC **A08**/MF **A01**

UMTRI-84-23
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(DOT-HS-806-597)
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PB85-171817 **13**-*529,722* PC **A04**/MF **A01**

UMTRI-84-29
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PB85-129682 **05**-*510,857* PC **A04**/MF **A01**

UMTRI-84-30
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UMTRI-84-33
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PB85-218543 20-545,879 PC A05/MF A01

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PB85-161008 11-525,806 PC A06/MF A01

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REPT-1310
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PB85-242436 26-560,735 PC A15/MF A01

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DE85008780 19-544,350 PC A06/MF A01

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PB85-106938 02-503,693 PC A11/MF A01

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MASEC-H-81-036/2
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DE84015914 02-503,900 PC A05/MF A01

DOE/CE/30804-T1
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SCIENTIFIC-1
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(EOARD-TR-85-08)
AD-A157 690/9 24-555,715 PC A03/MF A01

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(NUSC-TD-7375)
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(NTIA-CR-84-30)
PB85-164010 11-524,883 PC A04/MF A01

Predicting the Effects of Non-Gaussian Interference in HF (High-Frequency) Broadcasting: 1. A Methodology for an Analytic Approach.
(NTIA-CR-84-30)
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(GRI-85/0022)
PB85-199602 17-538,411 PC A06/MF A01

R-1288
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MITSUBISHI CHEMICAL INDUSTRIES LTD., TOKYO (JAPAN).

Microbial Utilization of Cyclic Compounds and Methanol,
PB85-154482
10-*521,601*
(Order as PB85-154441, PC **E14**/MF **E01**)

Microbial Production of Phenols,
PB85-154516
10-*521,603*
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MITSUBISHI ELECTRIC CORP., TOKYO (JAPAN).

Mitsubishi Denki Giho, Volume 58, Number 7, 1984.
PB85-101566 **01**-*502,422* PC **E05**/MF **E01**

Semiconductor Sources and Detectors for Optical-Fiber Communications,
PB85-101574
01-*502,097*
(Order as PB85-101566, PC **E05**/MF **E01**)

Four-Wavelength-Division Multiplex-Transmission System,
PB85-101582
01-*502,098*
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Fiber-Optic Sensors Using Intenssity Modulation,
PB85-101590
01-*501,996*
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PB85-101608
01-*501,997*
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Pipe-Surface Inspection Using Laser Techniques,
PB85-101616
01-*501,998*
(Order as PB85-101566, PC **E05**/MF **E01**)

Mitsubishi Denki Giho, Volume 58, Number 8, 1984.
PB85-105112 **02**-*503,831* PC **E05**/MF **E01**

Plastic Package 256K-Bit Dynamic MOS RAM,
PB85-105120
03-*506,128*
(Order as PB85-105112, PC **E05**/MF **E01**)

Mixed MOS 64K-Bit Static RAM,
PB85-105138
03-*506,129*
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High-Performance CMOS Gate Array,
PB85-105146
03-*506,130*
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03-*506,131*
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PB85-105161
03-*506,132*
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PB85-105179
03-*506,133*
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PB85-105187
03-*506,134*
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Bi-FET Operational Amplifiers,
PB85-105195
03-*506,233*
(Order as PB85-105112, PC **E05**/MF **E01**)

Mitsubishi Denki Giho, Vol. 58, No. 9, 1984.
PB85-112449 **05**-*512,150* PC **E05**/MF **E01**

Gas-Insulated Transformers for Distribution and Power Receiving,
PB85-112456
05-*511,462*
(Order as PB85-112449, PC **E05**/MF **E01**)

Mitsubishi Denki Giho, Vol. 58, No. 10, 1984.
PB85-136042 **06**-*513,837* PC **E05**/MF **E01**

Hot-Film-Type Fuel-Flow Sensor,
PB85-136059
06-*513,926*
(Order as PB85-136042, PC **E05**/MF **E01**)

Characteristics of a Mobile FM Receiver Using Switching Diversity,
PB85-136067
06-*513,980*
(Order as PB85-136042, PC **E05**/MF **E01**)

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PB85-136075
06-*514,292*
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PB85-136083
06-*513,838*
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06-*513,860*
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High-Speed High-Density 256K-bit MASK ROM,
PB85-136109
06-*513,444*
(Order as PB85-136042, PC **E05**/MF **E01**)

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PB85-136117 **06**-*513,956* PC **E05**/MF **E01**

Multi-Step-Focus Electron Gun for Mini-Neck Color CRTs,
PB85-136125
06-*513,406*
(Order as PB85-136117, PC **E05**/MF **E01**)

Thick-Film Thermal Head with CMOS Drivers,
PB85-136133
06-*513,957*
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Ceramic Gas Sensors with Pronounced Selectivity,
PB85-136141
06-*513,927*
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PB85-136158
06-*513,473*
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PB85-136166
06-*513,407*
(Order as PB85-136117, PC **E05**/MF **E01**)

Functions and Features of the M74ALSOOP Series of Advanced Low-Power Schottky TTL Devices,
PB85-136174
06-*513,474*
(Order as PB85-136117, PC **E05**/MF **E01**)

Mitsubishi Denki Giho, Vol. 58, No. 12, 1984.
PB85-170439 **12**-*526,951* PC **E05**/MF **E01**

Direct-Digital-Controlled AC Servo-Motor Drive System,
PB85-170447
12-*526,952*
(Order as PB85-170439, PC **E05**/MF **E01**)

Noiseless Sinusoidal PWM Inverter Employing a BI-MOS Module,
PB85-170454
12-*526,953*
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GTO (Gate Turn-Off) Thyristors for Propulsion-Control Equipment,
PB85-170462
12-*526,954*
(Order as PB85-170439, PC **E05**/MF **E01**)

Mitsubishi Denki Giho, Vol. 59, No. 3, 1985.
PB85-200657 **19**-*543,068* PC **E05**/MF **E01**

High-Quality 40-Inch CRT Color Display with High Resolution and Definition,
PB85-200665
18-*541,410*
(Order as PB85-200657, PC **E05**/MF **E01**)

GaAs FET Low-Noise Amp Module for DBS Receivers,
PB85-200673
18-*541,411*
(Order as PB85-200657, PC **E05**/MF **E01**)

High-Definition Image Processor and Filer.
PB85-200681
18-*540,664*
(Order as PB85-200657, PC **E05**/MF **E01**)

Low-Power, High-Speed, High-Density 128K-Bit CMOS EPROM.
PB85-200699
18-*540,632*
(Order as PB85-200657, PC **E05**/MF **E01**)

Mitsubishi Denki Giho, Vol. 59, No. 4, 1985.
PB85-200905 **18**-*540,633* PC **E05**/MF **E01**

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PB85-207637 **19**-*543,351* PC **E05**/MF **E01**

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PB85-209443 **16**-*536,020* PC **E05**/MF **E01**

CAE (Computer-Aided Engineering) System with a LAN (Local-Area Network) for R and D.
PB85-209450
16-*536,021*
(Order as PB85-209443, PC **E05**/MF **E01**)

Computer-Aided Engineering for Power-System Planning.
PB85-209468
16-*536,107*
(Order as PB85-209443, PC **E05**/MF **E01**)

Computer-Aided Engineering System for Electromagnetic-Field Analysis.
PB85-209476
16-*536,033*
(Order as PB85-209443, PC **E05**/MF **E01**)

Interactive Electronic-Circuit Simulation Using a CAE (Computer-Aided Engineering) Workstation.
PB85-209484
16-*536,051*
(Order as PB85-209443, PC **E05**/MF **E01**)

Mitsubishi Denki Giho, Vol. 59, No. 6, 1985.
PB85-224426 **21**-*548,795* PC **E05**/MF **E01**

Methods for Manufacturing Satellite Microwave Parts.
PB85-224434
21-*548,796*
(Order as PB85-224426, PC **E05**/MF **E01**)

High-Power GaAs FETs for the 14 to about 14.5GHz Frequency Range.
PB85-224442
21-*547,912*
(Order as PB85-224426, PC **E05**/MF **E01**)

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PB85-238426 **22**-*550,262* PC **E05**/MF **E01**

Application of a High-Speed Microcontroller to a Digital Radar Display.
PB85-238434
22-*550,263*
(Order as PB85-238426, PC **E05**/MF **E01**)

MITSUBISHI HEAVY INDUSTRIES LTD., TOKYO (JAPAN).

MTB-164
Historical Review of Research and Development in Ship Hydrodynamics.
PB85-101327 **01**-*501,995* PC **E03**/MF **E01**

MTB-165
Development for the Measurement of Ink Film Thickness and Dampening Water Content.
PB85-109973 **02**-*504,496* PC **E03**/MF **E01**

MTB-166
Application of Ship Resistance Theories to the Design of Full Hull Forms.
PB85-180222 **14**-*532,212* PC **E03**/MF **E01**

MTB-167
Behavior of Impurity Around the Ion Exchanger in PWR (Pressenzed Water Reactor) Primary Circuit.
PB85-180230 **14**-*532,522* PC **E03**/MF **E01**

MTB-168
Effect of Bow Shape on Free-Surface Shear Flow.
PB85-200582 **18**-*541,286* PC **E03**/MF **E01**

MTB-169
Study on Detection of Deterioration and Damage Due to High Temperature Service Using Nondestructive Material Property Tests.
PB85-207694 **19**-*543,623* PC **E03**/MF **E01**

MTB-170
Ice Milling Loads Encountered by a Controllable Pitch Propeller.
PB85-207702 **19**-*543,628* PC **E03**/MF **E01**

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PB85-105021 **02**-*504,317* PC **E06**/MF **E01**

Large Scale, 3 Dimensional and 6 Degrees of Freedom Earthquake Simulator.
PB85-105039
02-*504,318*
(Order as PB85-105021, PC **E06**/MF **E01**)

Study on the Irrotational Consolidation.
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02-*503,760*
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Design and Erection Technology for Low-Tunned Foundations of Rotating Machine.
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02-*504,417*
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Development of Power Saving Automotive Air Conditioning System.
PB85-105062
02-*504,383*
(Order as PB85-105021, PC **E06**/MF **E01**)

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PB85-112415 **05**-*511,968* PC **E06**/MF **E01**

Study on Rationalization of Heat Treatment Conditions of Low Alloy Steel Castings.
PB85-112423
05-*511,699*
(Order as PB85-112415, PC **E06**/MF **E01**)

Development of Sensible Heat Recovery System of Coke Oven Gas.
PB85-112431
05-*511,791*
(Order as PB85-112415, PC **E06**/MF **E01**)

Mitsubishi Juko Giho, Vol. 21, No. 5, 1984.
PB85-136182 **05**-*512,633* PC **E06**/MF **E01**

Side Injection Combustion System for Large Bore Marine Diesel Engines.
PB85-136190
05-*512,637*
(Order as PB85-136182, PC **E06**/MF **E01**)

Development Ultra Heat-Resistant Electro-Magnetic Sensing Device and its Application to Welding Apparatuses.
PB85-136208
05-*511,989*
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PB85-147022 **08**-*518,283* PC **E06**/MF **E01**

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PB85-168011 **11**-*524,500* PC **E08**/MF **E01**

CSM (Continuous Steelmaking) Process.
PB85-168029
11-*524,409*
(Order as PB85-168011, PC **E08**/MF **E01**)

Analysis of Electromagnetically Driven Flows by Electromagnetic Stirrer for C. C.
PB85-168037
11-*524,740*
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Evaluation of Operation Records and Forward Applications of High Efficiency Blast Furnace Gas Firing Power Generation Boiler.
PB85-168045
11-*524,741*
(Order as PB85-168011, PC **E08**/MF **E01**)

Basical Characteristics of Pair Cross Mill.
PB85-168052
11-*524,723*
(Order as PB85-168011, PC **E08**/MF **E01**)

Development of PC Mill Shape Control System.
PB85-168060
11-*524,742*
(Order as PB85-168011, PC **E08**/MF **E01**)

Improvement of Cutting Ability for Drum Type Crop Shear.
PB85-168078
11-*524,724*
(Order as PB85-168011, PC **E08**/MF **E01**)

Development of a New Descaling Process.
PB85-168086
11-*524,743*
(Order as PB85-168011, PC **E08**/MF **E01**)

Characteristics of Shape Control in Cluster Type Rolling Mill (CR Mill).
PB85-168094
11-*524,609*
(Order as PB85-168011, PC **E08**/MF **E01**)

Development of Carrousel Reels for High Speed Winding of Steel Strips.
PB85-168102
11-*524,501*
(Order as PB85-168011, PC **E08**/MF **E01**)

Development of a Zinc Physical Vapor Deposition Process.
PB85-168110
11-*524,502*
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PB85-184992 **14**-*532,204* PC **E07**/MF **E01**

Study on Analysis of Muffler Performance under a High Pressure Pulsation Flow.
PB85-185007
14-*532,853*
(Order as PB85-184992, PC **E07**/MF **E01**)

Study on the Aerodynamic Drag Reduction of Passenger Cars.
PB85-185015
14-*532,180*
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Mitsubishi Optimum Navigation Planning System TONAC-N2.
PB85-199495
18-*541,432*
(Order as PB85-199479, PC **E06**/MF **E01**)

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PB85-207645 **19**-*543,572* PC **E06**/MF **E01**

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PB85-247146 **26**-*560,863* PC **E07**/MF **E01**

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(EPA/460/A-85/7)
PB85-136570 **07**-*515,136* PC**$53.00**/MF**$14.50**

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(EPA/460/A-85/15)
PB85-186310 **19**-*543,590* PC**$18.50**/MF**$14.50**

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DOE/R2/05307-T1
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DE85015621 **25**-*558,273* PC **A03**/MF **A01**

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AD-P004 497/4 **14**-*531,086* PC **A02**/MF **A01**

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DE85003237 **14**-*532,753* PC **A06**/MF **A01**

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DE85005613 **11**-*523,934* PC **A03**/MF **A01**

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DE85009235 **17**-*537,606* PC **A03**/MF **A01**

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DE85013589 **21**-*547,731* PC **A03**/MF **A01**

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(NASA-CR-175488)
N85-19856/2 **13**-*530,555* PC **A04**/MF **A01**

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Stress and Efficiency Studies.
(NASA-CR-175688)
N85-24531/4 **17**-*537,614* PC **A03**/MF **A01**

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Module Performance and Failure Analysis Area: Flat-Plate Solar Array Project.
(NASA-CR-175689)
N85-25936/4 **18**-*540,768* PC **A03**/MF **A01**

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(NASA-CR-173960)
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NAS 1.26:173960
Stress Studies in EFG.
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Cost Evaluation of Federal Motor Vehicle Safety Standards 111, 112, 118 and 124.
(DOT-HS-806-774)
PB85-226264 **22**-*550,739* PC **A08**/MF **A01**

Cost Evaluation of Federal Motor Vehicle Safety Standards 111, 112, 118 and 124. Appendix B - Photographs.
(DOT-HS-806-775)
PB85-237717 **24**-*556,047* PC **A06**/MF **A01**

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N85-30771/8 **22**-*549,318* PC **A05**/MF **A01**

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Feasibility Study, Mohawk Valley Leather Industry Chromium Removal and Recovery from Industrial Wastes.
(EDA-85-029)
PB85-223238 **22**-*550,481* PC **A03**/MF **A01**

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CHER-83-1
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DE85900263 **05**-*512,618* PC **A03**/MF **A01**

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Theory of Electromagnetic Shielding with Applications to MIL-STD-285, IEEE-299, and EMP Simulation.
(HDL-CR-85-052-1)
AD-A154 905/4 **18**-*541,900* PC **A10**/MF **A01**

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Teacher to Teacher: Getting into Computers.
ED-248 878 **12**-*526,253* Not available NTIS

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MC-DA-1171
Compositional and Structural Analysis of Air Force Materials.
(AFWAL-TR-84-4160)
AD-A150 992/6 **11**-*523,976* PC **A02**/MF **A01**

Variability of Major Organic Components in Aircraft Fuels. Volume 2. Illustrations.
(AFESC/ESL-TR-84-02-VOL-2)
AD-A145 831/4 **01**-*502,662* PC **A10**/MF **A01**

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MRC-DA-1150
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(AFWAL-TR-84-2048)
AD-A152 040/2 **13**-*529,514* PC **A13**/MF **A01**

SDM-06
Evaluation of Hazardous Waste Incineration in an Aggregate Kiln: Florida Solite Corporation.
(EPA/600/2-85/030)
PB85-189066 **16**-*536,288* PC **A06**/MF **A01**

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CONF-8503100-7
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DE85010806 **18**-*541,626* PC **A02**/MF **A01**

MLM-3239(OP)
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DE85010806 **18**-*541,626* PC **A02**/MF **A01**

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Forming of Metal Components for Radioisotope Heat Sources.
DE85011281 **20**-*546,459* MF **A01**

CONF-840734-11
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DE84015243 **01**-*502,278* PC **A02**/MF **A01**

CONF-840766-4
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DE84015245 **04**-*510,146* PC **A02**

CONF-840842-29
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DE84016940 **02**-*505,117* PC **A02**/MF **A01**

CONF-840867-4
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DE84016942 **02**-*503,562* PC **A02**/MF **A01**

CONF-840867-5
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DE84016943 **03**-*507,238* PC **A02**/MF **A01**

CONF-840867-6
Study of Bridgewire Size and Pyrotechnic Density Relationships on All-Fire Levels.
DE84016946 **02**-*504,838* PC **A02**/MF **A01**

CONF-840867-7
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DE84016945 **02**-*504,837* PC **A02**/MF **A01**

CONF-840867-8
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DE84016941 **02**-*504,835* PC **A02**/MF **A01**

CONF-840867-9
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DE84016944 **02**-*504,836* PC **A02**/MF **A01**

CONF-840896-2
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DE84016938 **03**-*507,237* PC **A02**/MF **A01**

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DE85002527 **07**-*515,206* PC **A02**/MF **A01**

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DE85002526 **06**-*513,625* PC **A02**/MF **A01**

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CONF-841187-10
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DE85003305 **09**-*520,068* PC **A02**/MF **A01**

CONF-841187-14
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DE85003304 **09**-*518,743* PC **A02**

CONF-850314-60
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CONF-850607-3
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DE85013826 **23**-*553,655* PC **A02**/MF **A01**

CONF-850617-4
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DE85016449 **26**-*560,482* PC **A02**/MF **A01**

CONF-850742-2
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DE85017421 **26**-*561,666* PC **A02**/MF **A01**

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DE85016450 **25**-*558,375* PC **A02**/MF **A01**

CONF-850765-25
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DE85016448 **26**-*561,619* PC **A02**/MF **A01**

CONF-850765-26
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DE85016447 **26**-*561,273* PC **A02**/MF **A01**

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DE85016446 **26**-*561,272* PC **A02**/MF **A01**

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DE84012425 **24**-*556,574* PC **A02**/MF **A01**

CONF-8409107-7
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DE85002117 **09**-*520,725* PC **A02**/MF **A01**

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DE85002120 **05**-*512,278* PC **A02**/MF **A01**

CONF-8410162-2
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DE85006702 **13**-*529,811* PC **A02**/MF **A01**

CONF-8410230-4
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DE85007234 **13**-*530,704* PC **A02**/MF **A01**

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DE85003306 **09**-*519,813* PC **A02**/MF **A01**

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DE85003307 **08**-*518,187* PC **A02**/MF **A01**

CONF-8411120-3
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DE85003308 **08**-*518,188* PC **A02**/MF **A01**

CONF-8503100-3
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DE85010807 **19**-*543,961* PC **A02**/MF **A01**

CONF-8503100-4
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DE85010809 **18**-*541,627* PC **A02**/MF **A01**

CONF-8503100-5
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DE85010805 **18**-*541,625* PC **A02**/MF **A01**

CONF-8503100-6
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DE85010810 **20**-*546,470* PC **A02**/MF **A01**

CONF-8503100-8
X-Ray Photoelectron Spectroscopy Study of the Compatibility of the Explosive PETN with Candidate Plastic Bonding Materials.
DE85010804 **18**-*541,624* PC **A02**/MF **A01**

CONF-8505123-4
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DE85013801 **23**-*554,112* PC **A02**/MF **A01**

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DE85016445 **26**-*561,664* PC **A02**/MF **A01**

MLM-MU-84-69-0001
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DE85017384 **26**-*561,665* PC **A03**/MF **A01**

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MLM-3164(OP)
Characterization and Adhesive Bonding of Poly(Etheretherketone) Resins and Composites.
DE85002526 **06**-*513,625* PC **A02**/MF **A01**

MLM-3167(OP)
Demonstration of the Calorimetric Assay of Large Mass, High Burn-Up PuO sub 2 Samples.
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MLM-3168(OP)
Metallography of Fe/KC10 sub 4 Powders.
DE84015245 **04**-*510,146* PC **A02**

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Microstructural Investigation of Thermally Treated Titanium Subhydrides.
DE84017061 **02**-*503,567* PC **A02**/MF **A01**

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DE84016862 **02**-*504,805* PC **A02**/MF **A01**

MLM-3179
Glass Furnace Project: October 1983-March 1984.
DE84016985 **02**-*504,698* PC **A02**/MF **A01**

MLM-3180(OP)
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DE84016938 **03**-*507,237* PC **A02**/MF **A01**

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DE84016941 **02**-*504,835* PC **A02**/MF **A01**

MLM-3182(OP)
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DE84016943 **03**-*507,238* PC **A02**/MF **A01**

MLM-3183(OP)
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DE84016942 02-503,562 PC A02/MF A01

MLM-3184(OP)
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DE84016946 02-504,838 PC A02/MF A01

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MLM-3191(OP)
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MLM-3193
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DE85000420 07-514,675 PC A02/MF A01

MLM-3195
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DE85002552 07-515,340 PC A03/MF A01

MLM-3198(OP)
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DE85002527 07-515,206 PC A02/MF A01

MLM-3199
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MLM-3226
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MLM-3236(OP)
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DE85011281 20-546,459 MF A01

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PB85-154854 **12**-*526,775* PC **A03**/MF **A01**

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DE84009742 **03**-*506,584* PC **A06**

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Speciation of Selenium in Groundwater.
(EPA/600/2-84/190)
PB85-125979 **05**-*511,251* PC **A03**/MF **A01**

Investigation of Possible Cycles of Concentration in Industrial Cooling Towers Using Various Combinations of Treatment Processes to Renovate Municipal Wastewater Feed.
(OWRT/RU-83/9)
PB85-128767 **05**-*511,861* PC **A10**/MF **A01**

Interior Surface of Galvanized Steel Pipe: A Potential Factor in Corrosion Resistance.
(EPA/600/J-83/300)
PB85-219772 **21**-*548,656* Not available NTIS

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DE85751205 **25**-*557,245* PC **A05**/MF **A01**

FRNC-TH-1706
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Etude Structurale de Verres a Conduction Mixte Utilises comme Positives de Generateurs Electrochimiques a Haute Densite d'Energie (Structural Study of Glasses with Mixed Conduction Used as Positives of Electrochemical Generators at High Energy Density).
PB85-198737 **18**-*540,802* PC **E03**/MF **E03**

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PB85-148849 **08**-*517,471* PC **E05**/MF **E05**

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DE85781239 **23**-*553,867* PC **A02**/MF **A01**

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(NASA-CR-175854)
N85-27775/4 **19**-*542,203* PC **A03**/MF **A01**

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HRP-0906507/9 **24**-*555,130* PC **A11**/MF **A01**

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Fundamental Electronic Properties of Donor-Type Graphite Intercalated Compounds.
(ARO-17299.18-PH)
AD-A146 148/2 **01**-*502,613* PC **A04**/MF **A01**

Development of Intercalated Wire and Cable.
AD-A146 502/0 **01**-*501,259* PC **A03**/MF **A01**

Data Quantization for Narrowband Signal Detection.
(AFOSR-TR-85-0191)
AD-A151 229/2 **12**-*527,671* PC **A02**/MF **A01**

Statistical Techniques for Signal Processing.
(AFOSR-TR-85-0197)
AD-A151 231/8 **12**-*526,958* PC **A02**/MF **A01**

Applications of Nonlinear Adaptive Filters for Image Enhancement.
(AFOSR-TR-85-0196)
AD-A151 322/5 **12**-*526,895* PC **A02**/MF **A01**

Inversion Theory for Almost Periodic Media.
(ARO-20583.4-EL)
AD-A153 398/3 **15**-*535,129* Not available NTIS

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(NSF/OIR-83012)
PB85-179851 **13**-*529,843* PC **A07**/MF **A01**

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AD-A150 009/9 **09**-*519,106* PC **A12**/MF **A01**

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Investigation of the Electrical Conductivity in Highly Oriented Graphite Intercalation Compounds.
AD-A146 539/2 **01**-*501,034* PC **A06**/MF **A01**

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(AFOSR-TR-85-0192)
AD-A151 280/5 **12**-*526,959* PC **A02**/MF **A01**

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EO/MO-7
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N85-16101/6 **10**-*522,520* PC **A02**/MF **A01**

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Mossbauer Studies on LaNi(4.7)Sn(0.3) and Its Hydride.
(ARO-19957.2-PH)
AD-A158 425/9 **25**-*557,920* PC **A02**/MF **A01**

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(UMTA-MD-11-0006-85-1)
PB85-205086 **17**-*538,529* PC **A05**/MF **A01**

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(MA-RD-760-85008)
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EPRI-EM-4036-V.1
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DE85010839 **19**-*543,115* PC **A99**/MF **A01**

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DE85003979 **09**-*519,019* PC **A03**/MF **A01**

MORTON THIOKOL, INC., BRIGHAM CITY, UT. WASATCH DIV.

TWR-30863
Development of Composite Case Salvage Procedures.
(AFRPL-TR-82-012)
AD-B065 369/1 **10**-*523,200* PC **A14**/MF **A01**

TWR-31084
Solid Propellant Reclamation Study.
(AFRPL-TR-82-072)
AD-B072 071/4 **10**-*522,272* PC **A09**/MF **A01**

Identification and Safe Life Prediction of Hazardous Materials.
AD-P004 450/3 **12**-*527,872* PC **A02**/MF **A01**

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1983/2
Investigation of the Effects of Electromagnetic Radiation on Electronic Systems in a Motor Vehicle.
MIRA-85/07 **04**-*509,755* PC**$60.00**

AFC7/1
Measurement of Loads Occurring in the Ball Hitch Coupling of Several Car-Caravan Configurations.
MIRA-85/01 **04**-*509,749* PC**$15.00**

AFC7/2
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BMFT-FB-W-84-019
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DE84752109 **07**-*515,681* PC **A07**/MF **A01**

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N85-16190/9 **10**-*522,386* PC **A04**/MF **A01**

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N85-16191/7 **10**-*522,387* PC **A04**/MF **A01**

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AD-P004 213/5 **06**-*513,563* PC **A02**/MF **A01**

Possibilities for a More Accurate Life Prediction of Components.
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MLM-2817(OP) **20**-*544,997* PC **A02**/MF **A01**

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AD-P004 889/2 **23**-*553,606* PC **A02**/MF **A01**

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DE84017424 **03**-*507,403* PC **A02**/MF **A01**

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PB85-117570 **03**-*505,718* PC **A13**/MF **A01**

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DE85000815 **08**-*516,792* PC **A02**/MF **A01**

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(BUMINES-OFR-5(1)-85)
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MRCE-85-194
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PB85-234532 **23**-*553,477* PC **A03**/MF **A01**

MRCE-85-202
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PB85-218410 **20**-*545,809* PC **A06**/MF **A01**

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PB85-119873 **04**-*509,650* PC **E03**

MRJD-84-195
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PB85-120400 **04**-*509,825* PC **A02**/MF **A01**

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PB85-121176 **04**-*509,827* PC **A02**/MF **A01**

MULTIDISCIPLINARY ENERGY AND ENVIRONMENTAL SYSTEMS AND APPPLICATIONS, TORRENCE, CA.

Assessment of Hazardous Waste Surface Impoundment Technology Case Studies and Perspectives of Experts.
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PB85-117059 **03**-*506,695* PC **A14**/MF **A01**

MULTIPLICATIONS, INC., CAMBRIDGE, MA.

Approach for Microcomputer Needs Analysis: Greater Portland Transit District.
(DOT-I-84-37)
PB85-110955 **02**-*504,333* PC **A03**/MF **A01**

Operating Strategies for Major Radial Bus Routes.
(DOT-I-84-27)
PB85-110963 **02**-*504,334* PC **A03**/MF **A01**

MULTISYSTEMS, INC., CAMBRIDGE, MA.

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(DOT-I-82-14)
PB85-116689 **03**-*506,691* PC **A04**/MF **A01**

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(UMTA-MA-06-0049-84-7, DOT-TSC-UMTA-84-28)
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(UMTA-MA-06-0144-85-1, DOT-TSC-UMTA-85-4)
PB85-226173 **22**-*550,678* PC **A05**/MF **A01**

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DE85780285 **15**-*533,270* PC **A05**/MF **A01**

INIS-mf-9277
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INIS-mf-8815
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DE85780342 **15**-*533,285* PC **A07**/MF **A01**

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DE85780344 **15**-*533,287* PC **A04**/MF **A01**

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INIS-mf-8860
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INIS-mf-9181
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DE85780163 **11**-*523,890* PC **A06**/MF **A01**

NP-4770457
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INIS-mf-9274
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INIS-mf-8316
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DE84700218 **03**-*505,668* PC **A07**/MF **A01**

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INIS-mf-8809
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DE84780597 **10**-*521,475* PC **A04**/MF **A01**

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INIS-mf-8844
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N85-19895/0 **13**-*530,687* PC **A03**/MF **A01**

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Study of Spectrum Fatigue Crack Propagation in Two Aluminum Alloys. 1: Spectrum Simplification.
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Characterization of Erosion of Metallic Materials under Cavitation Attack in a Mineral Oil.
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Further Comparison of Wind Tunnel and Airplane Acoustic Data for Advanced Design High Speed Propeller Models.
(NASA-TM-86935)
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NAS 1.15:86936
Flow Visualization Study of the Effect of Injection Hole Geometry on an Inclined Jet in Crossflow.
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NAS 1.15:86938
High Temperature Properties of Equiatomic FeAl with Ternary Additions.
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N85-19072/6 **13**-*529,492* PC **A02**/MF **A01**

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N85-19363/9 **13**-*530,678* PC **A02**/MF **A01**

NAS 1.15:86940
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(NASA-TM-86940)
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NAS 1.15:86941
Rapidly Solidified NiAl and FeAl.
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NAS 1.15:86942
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NAS 1.15:86943
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(NASA-TM-86943)
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NAS 1.15:86944
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(NASA-TM-86944)
N85-21570/5 **14**-*532,748* PC **A02**/MF **A01**

NAS 1.15:86945
Radiographic Detectability Limits for Seeded Voids in Sintered Silicon Carbide and Silicon Nitride.
(NASA-TM-86945)
N85-21674/5 **14**-*531,830* PC **A02**/MF **A01**

NAS 1.15:86946
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(NASA-TM-86946)
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(NASA-TM-86947)
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NAS 1.15:86948
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(NASA-TM-86948)
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(NASA-TM-86950)
N85-23242/9 **15**-*533,949* PC **A02**/MF **A01**

NAS 1.15:86951
Preliminary Analysis of Tone-Excited Two-Stream Jet Velocity Decay.
(NASA-TM-86951)
N85-21114/2 **14**-*530,748* PC **A02**/MF **A01**

NAS 1.15:86952
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(NASA-TM-86952)
N85-21115/9 **14**-*532,841* PC **A02**/MF **A01**

NAS 1.15:86953
Comparative Evaluation of Three Alternative Power Cycles for Waste Heat Recovery from the Exhaust of Adiabatic Diesel Engines.
(NASA-TM-86953)
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(NASA-TM-86955)
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NAS 1.15:86956
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(NASA-TM-86956)
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(NASA-TM-86957)
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NAS 1.15:86958
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(NASA-TM-86958)
N85-21658/8 **14**-*532,847* PC **A02**/MF **A01**

NAS 1.15:86959
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(NASA-TM-86959)
N85-21321/3 **14**-*531,995* PC **A03**/MF **A01**

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(NASA-TM-86960)
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Experimental Investigation of Microstrip Properties on Soft Substrates from 2 to 40 Ghz.
(NASA-TM-86961)
N85-20224/0 **14**-*531,640* PC **A02**/MF **A01**

NAS 1.15:86962
Tribological Properties of Boron Nitride Synthesized by Ion Beam Deposition.
(NASA-TM-86962)
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NAS 1.15:86963
Combustion Research for Gas Turbine Engines.
(NASA-TM-86963)
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NAS 1.15:86964
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(NASA-TM-86964)
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NAS 1.15:86965
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(NASA-TM-86965)
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NAS 1.15:86966
Formation of High Molecular Weight Products from Benzene During Boundary Lubrication.
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NAS 1.15:86967
Noise Constraints Effecting Optimal Propeller Designs.
(NASA-TM-86967)
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(NASA-TM-86968)
N85-21264/5 **14**-*532,562* PC **A02**/MF **A01**

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Advanced Research and Technology Programs for Advanced High-Pressure Oxygen-Hydrogen Rocket Propulsion.
(NASA-TM-86969)
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NAS 1.15:86970
Operational Performance of the Photovoltaic-Powered Grain Mill and Water Pump at Tangaye, Burkina Faso (Formerly Upper Volta).
(NASA-TM-86970)
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NAS 1.15:86972
Photovoltaic Powered Vaccine Refrigerator-Freezer Systems Field Test Results.
(NASA-TM-86972)
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Evaluation Results of the 700 Deg C Chinese Strain Gauges.
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NAS 1.15:86974
Parametric Evaluation of Ball Milling of SIC in Water.
(NASA-TM-86974)
N85-21356/9 **14**-*532,189* PC **A02**/MF **A01**

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Alloys Based on Nial for High Temperature Applications.
(NASA-TM-86976)
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NAS 1.15:86977
Oxidation and Hot Corrosion of Hot-Pressed SI3N4 at 1000 Deg C.
(NASA-TM-86977)
N85-21358/5 **14**-*531,829* PC **A02**/MF **A01**

NAS 1.15:86978
Experimental Stiffness of Tapered Bore Seals.
(NASA-TM-86978)
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NAS 1.15:86979
Flow through Very Porous Inclined Screens.
(NASA-TM-86979)
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NAS 1.15:86980
Nested Subcritical Flows within Supercritical Systems.
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(NASA-TM-86983)
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NAS 1.15:86984
Calculation of Three-Dimensional, Viscous Flow through Turbomachinery Blade Passages by Parabolic Marching.
(NASA-TM-86984)
N85-23711/3 17-539,619 PC **A03**/MF **A01**

NAS 1.15:86985
Unified Constitutive Material Models for Nonlinear Finite-Element Structural Analysis.
(NASA-TM-86985)
N85-24338/4 17-539,621 PC **A02**/MF **A01**

NAS 1.15:86986
Effect of Precipitation on Wind Turbine Performance.
(NASA-TM-86986)
N85-27385/2 19-543,104 PC **A02**/MF **A01**

NAS 1.15:86987
Properties and Microstructures for Dual Alloy Combinations of Three Superalloys with Alloy 901.
(NASA-TM-86987)
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NAS 1.15:86988
Correlation of Rheological Characteristics of Lubricants with Transmission Efficiency Measurements.
(NASA-TM-86988)
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Small Gas Turbine Combustor Study. Fuel Injector Performance in a Transpiration-Cooled Liner.
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Cyclic Structural Analyses of Anisotropic Turbine Blades for Reusable Space Propulsion Systems.
(NASA-TM-86990)
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Frictional and Structural Characterization of Ion-Nitrided Low and High Chromium Steels.
(NASA-TM-86991)
N85-23085/2 15-534,037 PC **A02**/MF **A01**

NAS 1.15:86992
Metallic and Metalloceramic Coating by Thermal Decomposition.
(NASA-TM-86992)
N85-22755/1 15-533,987 PC **A02**/MF **A01**

NAS 1.15:86993
Film and Interstitial Formation of Metals in Plasma-Sprayed Ceramics.
(NASA-TM-86993)
N85-22756/9 15-533,988 PC **A02**/MF **A01**

NAS 1.15:86994
Fabrication of Ceramic Substrate-Reinforced and Free Forms.
(NASA-TM-86994)
N85-23926/7 17-538,194 PC **A03**/MF **A01**

NAS 1.15:86995
Optical Properties of Hydrogenated Amorphous Carbon Films Grown from Methane Plasma.
(NASA-TM-86995)
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NAS 1.15:86996
Experiments in Dilution Jet Mixing Effects of Multiple Rows and Non-Circular Orifices.
(NASA-TM-86996)
N85-25266/6 18-542,027 PC **A02**/MF **A01**

NAS 1.15:86999
Space Station Propulsion: The Advanced Development Program at Lewis.
(NASA-TM-86999)
N85-25386/2 18-542,045 PC **A02**/MF **A01**

NAS 1.15:87000
Linearization of Digital Derived Rate Algorithm for Use in Linear Stability Analysis.
(NASA-TM-87000)
N85-23904/4 17-539,643 PC **A02**/MF **A01**

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AD-A147 882/5 **04**-*508,072* PC **A02**/MF **A01**

NASA-E-2167
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(NASA-TM-83740, USAAVSCOM-TR-84-C-11)
AD-A149 179/4 **08**-*515,739* PC **A02**/MF **A01**

NASA-E-2196
Summary of Drive-Train Component Technology in Helicopters.
(NASA-TM-83726, USAAVSCOM-TR-84-C-10)
AD-A149 180/2 **08**-*515,740* PC **A02**/MF **A01**

NASA-E-2260
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(NASA-TM-83769, USAAVSCOM-TR-84-C-16)
AD-A149 178/6 **08**-*516,861* PC **A02**/MF **A01**

NASA-E-2271
High-Temperature Erosion of Plasma-Sprayed, Yttria-Stabilized Zirconia in a Simulated Turbine Environment.
(AVSCOM-TR-84-C-17)
AD-A150 361/4 **10**-*522,073* PC **A02**/MF **A01**

NASA-E-2380
Effect of Substituted Phenylnadimides on Processing and Properties of PMR (Polymerization of Monomeric Reactants) Polyimide Composites.
(USAAVSCOM-TR-84-C-20)
AD-A150 529/6 **10**-*522,093* PC **A02**/MF **A01**

NASA-E-2387
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(NASA-TM-86903, USAAVSCOM-TR-84-C-21)
AD-A157 113/2 **23**-*554,184* PC **A02**/MF **A01**

NASA-E-2404
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(USAAVSCOM-TR-84-C-18)
AD-A153 984/0 **16**-*536,751* PC **A02**/MF **A01**

NASA-E2490
Combustion Research for Gas Turbine Engines.
(USAAVSCOM-TR-85-C-2)
AD-A153 977/4 **16**-*536,985* PC **A02**/MF **A01**

NASA-E-2514
Multiaxial and Thermomechanical Fatigue Considerations in Damage Tolerant Design.
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NASA-E-2519
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AD-A157 111/6 **23**-*553,152* PC **A03**/MF **A01**

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NASA-E-2588
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(NASA-TM-87033, USAAVSCOM-TR-85-C-10)
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NASA-E-2612
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AD-A150 529/6 **10**-*522,093* PC **A02**/MF **A01**

NASA-TM-86911
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AD-A153 984/0 **16**-*536,751* PC **A02**/MF **A01**

NASA-TM-86963
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(USAAVSCOM-TR-85-C-2)
AD-A153 977/4 **16**-*536,985* PC **A02**/MF **A01**

NASA-TM-86986
Effect of Precipitation on Wind Turbine Performance. (Final Report).
DE85013105 **20**-*545,293* PC **A02**/MF **A01**

NASA-TP-2406
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AD-A150 361/4 **10**-*522,073* PC **A02**/MF **A01**

PAT-APPL-6-157 150
Diesel Engine Catalytic Combustor System.
PATENT-4 449 370 **02**-*505,228* Not available NTIS

PAT-APPL-6-238 257
Air Modulation Apparatus.
PATENT-4 416 111 **02**-*505,222* Not available NTIS

PAT-APPL-6-282 298
Alkaline Battery Containing a Separator of a Cross-Linked Copolymer of Vinyl Alcohol and Unsaturated Carboxylic Acid.
PATENT-4 505 998 **22**-*550,368* Not available NTIS

PAT-APPL-6-368 188
Simplified DC to DC Converter.
PATENT-4 464 710 **02**-*503,860* Not available NTIS

PAT-APPL-6-403 378
Overlay Metallic-Cermet Alloy Coating Systems.
PATENT-4 446 199 **02**-*504,042* Not available NTIS

PAT-APPL-6-463 456
Variable Force, Eddy-Current or Magnetic Damper.
PATENT-4 517 505 **24**-*556,078* Not available NTIS

PAT-APPL-6-465 364
Screen Printed Interdigitated Back Contact Solar Cell.
PATENT-4 478 879 **13**-*529,402* Not available NTIS

PAT-APPL-6-473 498
Ring-Cusp Ion Thruster with Shell Anode.
PATENT-4 466 242 **15**-*535,147* Not available NTIS

PAT-APPL-6-486 470
Solar Energy Converter Using Surface Plasma Waves.
PATENT-4 482 778 **15**-*533,951* Not available NTIS

PAT-APPL-6-486 471
Inelastic Tunnel Diodes.
PATENT-4 482 779 **15**-*533,784* Not available NTIS

PAT-APPL-6-507 626
High Thermal Power Density Heat Transfer Apparatus Providing Electrical Isolation at High Temperature Using Heat Pipes.
PATENT-4 506 183 **22**-*550,565* Not available NTIS

PAT-APPL-6-523 297
Thermal Barrier Coating System.
PATENT-4 485 151 **15**-*533,990* Not available NTIS

PAT-APPL-6-537 615
Multistage Spent Particle Collector and a Method for Making Same.
PATENT-4 527 092 **26**-*561,208* Not available NTIS

PAT-APPL-6-560 035
Arc Spray Fabrication of Metal Matrix Composite Monotape.
PATENT-4 518 625 **24**-*555,728* Not available NTIS

PAT-APPL-6-561 429
Chemical Approach for Controlling Nadimide Cure Temperature and Rate with Maleimide.
PATENT-4 497 939 **15**-*533,475* Not available NTIS

PAT-APPL-6-561 431
Chemical Approach for Controlling Nadimide Cure Temperature and Rate with Maleimide.
PATENT-4 497 948 **15**-*533,477* Not available NTIS

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Chemical Approach for Controlling Nadimide Cure Temperature and Rate.
PATENT-4 495 339 **24**-*555,339* Not available NTIS

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Chemical Approach for Controlling Nadimide Cure Temperature and Rate.
PATENT-4 497 940 **15**-*533,476* Not available NTIS

PAT-APPL-6-580 419
Vortex Generating Flow Passage Design for Increased Film Cooling Effectiveness.
PATENT-4 529 358 **26**-*561,701* Not available NTIS

PAT-APPL-6-580 573
Thermionic Photovoltaic Energy Converter.
PATENT-4 528 417 **26**-*560,861* Not available NTIS

PAT-APPL-6-591 089
Diamondlike Flakes.
PATENT-4 495 044 **15**-*533,991* Not available NTIS

PAT-APPL-6-596 960
Dual Clearance Squeeze Film Damper.
PATENT-4 527 910 **26**-*562,051* Not available NTIS

PAT-APPL-6-602 050
Oxidizing Seal for a Turbine Tip Gas Path.
PATENT-4 540 336 **26**-*560,882* Not available NTIS

PAT-APPL-6-628 866
Deposition of Diamondlike Carbon Films.
PATENT-4 490 229 **13**-*529,449* Not available NTIS

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(NASA-TM-83748)
N85-15658/6 **10**-*523,187* PC **A03**/MF **A01**

Experimental and Analytical Study of Ceramic-Coated Turbine-Tip Shroud Seals for Small Turbine Engines.
(NASA-TM-86881, USAAVSCOM-TR-C-19)
AD-A153 245/6 **15**-*535,244* PC **A03**/MF **A01**

Understanding the Roles of the Strategic Element Cobalt in Nickel Base Superalloys.
AD-P004 216/8 **06**-*513,565* PC **A02**/MF **A01**

Characterization of MMIC (Monolithic Microwave Integrated Circuit) Devices for Active Array Antennas.
AD-P004 610/2 **17**-*537,986* PC **A02**/MF **A01**

Case Study of Sample Spacing in Planar Near-Field Measurement of High Gain Antennas.
AD-P004 634/2 **17**-*538,007* PC **A02**/MF **A01**

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Chronology of KSC and KSC Related Events for 1983.
(NASA-TM-87435)
N85-22339/4 **14**-*531,099* PC **A06**/MF **A01**

KSC-KHR-8
Chronology of KSC and KSC Related Events for 1983.
(NASA-TM-87400)
N85-17927/3 **11**-*523,471* PC **A06**/MF **A01**

N85-19990/9
Inflight IFR Procedures Simulator.
PATENT-4 490 117 **13**-*528,633* Not available NTIS

N85-29120/1
Method and Apparatus for Operating on Companded PCM (Pulse Code Modulation) Voice Data.
PAT-APPL-6-655 601 **22**-*550,933* PC **A02**/MF **A01**

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Method and Apparatus for Operating on Companded PCM (Pulse Code Modulation) Voice Data.
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PAT-APPL-6-387 649
Inflight IFR Procedures Simulator.
PATENT-4 490 117 **13**-*528,633* Not available NTIS

History, Design and Performance of the Space Shuttle Hazardous Gas Detection System.
AD-P004 480/0 **13**-*529,805* PC **A02**/MF **A01**

Environmental Considerations of Constructing and Operating a Polygeneration Plant at the John F. Kennedy Space Center.
AD-P004 489/1 **13**-*530,700* PC **A02**/MF **A01**

Physiological Aspects of the New Propellant Handler's Ensemble.
AD-P004 492/5 **13**-*528,836* PC **A02**/MF **A01**

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H-1232
Peripheral Vision Horizon Display (PVHD).
(NASA-CP-2306)
N85-10044/4 **03**-*505,306* PC **A07**/MF **A01**

H-1252
More Than You Want to Know About Maximum Likelihood Estimation.
(NASA-TM-85905)
N85-15752/7 **10**-*520,974* PC **A03**/MF **A01**

H-1263
Rotor Systems Research Aircraft Airplane Configuration Flight-Test Results.
(NASA-TM-85911)
N85-10034/5 **03**-*505,298* PC **A02**/MF **A01**

H-1268
Test Experience on an Ultrareliable Computer Communication Network.
(NASA-TM-85915)
N85-13514/3 **07**-*514,827* PC **A02**/MF **A01**

H-1269
Predicted Performance Benefits of an Adaptive Digital Engine Control System of an F-15 Airplane.
(NASA-TM-85916)
N85-15729/5 **10**-*520,973* PC **A02**/MF **A01**

H-1295
Development and Validation of a General Purpose Linearization Program for Rigid Aircraft Models.
(NASA-TM-86737)
N85-32122/2 **24**-*554,583* PC **A02**/MF **A01**

H-1300
Design of an Expert-System Flight Status Monitor.
(NASA-TM-86739)
N85-32794/8 **24**-*554,588* PC **A02**/MF **A01**

H-1312
Performance Improvements of a Highly Integrated Digital Electronic Control System for an F-15 Airplane.
(NASA-TM-86748)
N85-32120/6 **24**-*554,587* PC **A02**/MF **A01**

H-1313
Identification of Unsteady Aerodynamics and Aeroelastic Integro-Differential Systems.
(NASA-TM-86749)
N85-32851/6 **24**-*554,554* PC **A03**/MF **A01**

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Frontier: Flight Research at Dryden 1946-1981.
(NASA-SP-4303)
N85-17934/9 **12**-*525,865* PC **A17**/MF **A01**

NAS 1.15:85905
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(NASA-TM-85905)
N85-15752/7 **10**-*520,974* PC **A03**/MF **A01**

NAS 1.15:85911
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(NASA-TM-85911)
N85-10034/5 **03**-*505,298* PC **A02**/MF **A01**

NAS 1.15:85915
Test Experience on an Ultrareliable Computer Communication Network.
(NASA-TM-85915)
N85-13514/3 **07**-*514,827* PC **A02**/MF **A01**

NAS 1.15:85916
Predicted Performance Benefits of an Adaptive Digital Engine Control System of an F-15 Airplane.
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(NASA-TM-86737)
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NAS 1.15:86739
Design of an Expert-System Flight Status Monitor.
(NASA-TM-86739)
N85-32794/8 **24**-*554,588* PC **A02**/MF **A01**

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Performance Improvements of a Highly Integrated Digital Electronic Control System for an F-15 Airplane.
(NASA-TM-86748)
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(NASA-TM-86749)
N85-32851/6 **24**-*554,554* PC **A03**/MF **A01**

NAS 1.21:4303
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(NASA-SP-4303)
N85-17934/9 **12**-*525,865* PC **A17**/MF **A01**

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N85-31688/3 **23**-*552,653* PC **A09**/MF **A01**

CONF-850883-7
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DE85016938 **26**-*560,083* PC **A02**/MF **A01**

CONF-850883-8
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E85-10002
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(NASA-CP-2260-V-2)
N85-11405/6 **04**-*509,114* PC **A15**/MF **A01**

E85-10003
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(NASA-TM-86149)
N85-11416/3 **04**-*508,892* PC **A04**/MF **A01**

E85-10020
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(NASA-TM-87387)
N85-11433/8 **04**-*508,909* PC **A03**/MF **A01**

E85-10062
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(NASA-TM-87402)
N85-17400/1 **11**-*523,285* PC **A03**/MF **A01**

E85-10065
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(NASA-TM-86177)
N85-17403/5 **11**-*524,181* PC **A03**/MF **A01**

E85-10066
Altimetry, Orbits and Tides.
(NASA-TM-86180)
N85-17404/3 **11**-*524,079* PC **A09**/MF **A01**

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N85-23186/8 **15**-*533,669* PC **A19**/MF **A01**

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N85-17019/9 **11**-*524,041* PC **A02**/MF **A01**

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(NASA-TM-87369)
N84-35264/0 **02**-*502,880* PC **A02**/MF **A01**

M-37
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(NASA-TM-86169)
N85-18909/0 **12**-*525,984* PC **A06**/MF **A01**

MPE-189
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(NASA-TM-87472)
N85-28794/4 **20**-*546,518* PC **A03**/MF **A01**

N84-33765/8
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PATENT-4 472 728 **02**-*504,491* Not available NTIS

N84-34913/3
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PATENT-4 474 180 **03**-*505,628* Not available NTIS

N85-20226/5
Improved Legislated Emergency Locating Transmitters and Emergency Position Indicating Radio Beacons.
PAT-APPL-6-655 606 **13**-*529,932* PC **A02**/MF **A01**

N85-20294/3
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PATENT-4 479 560 **13**-*529,832* Not available NTIS

N85-20337/0
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PATENT-4 473 259 **13**-*529,760* Not available NTIS

N85-20868/4
Wide-Angle Flat Field Telescope.
PAT-APPL-6-698 641 **13**-*530,350* PC **A02**/MF **A01**

N85-21279/3
Method and Apparatus for Mapping the Distribution of Chemical Elements in an Extended Medium.
PATENT-4 483 817 **15**-*534,381* Not available NTIS

N85-21639/8
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PATENT-4 493 553 **15**-*534,385* Not available NTIS

N85-29044/3
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PATENT-4 518 722 **22**-*550,396* Not available NTIS

N85-29145/8
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PATENT-4 521 702 **22**-*550,298* Not available NTIS

N85-29146/6
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PATENT-4 510 476 **22**-*550,189* Not available NTIS

N85-29147/4
High Voltage Power Supply.
PATENT-4 517 472 **22**-*550,356* Not available NTIS

N85-30201/6
Temperature Sensitive Oscillator.
PAT-APPL-6-727 035 **24**-*555,591* PC **A02**/MF **A01**

N85-30281/8
Three-Dimensional and Tomographic Imaging Device for X-ray and gamma-Ray Emitting Objects.
PATENT-4 521 688 **24**-*556,157* Not available NTIS

NAS 1.15:80599
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(NASA-TM-80599)
N85-21609/1 **14**-*531,685* PC **A04**/MF **A01**

NAS 1.15:80663
X-Ray Observations of the Seyfert 1 Galaxies AKN120 and MCG8-11-11.
(NASA-TM-80663)
N85-12839/5 **06**-*512,736* PC **A02**/MF **A01**

NAS 1.15:82173
Syntheses of the X-Ray Background with Power-Law Sources.
(NASA-TM-82173)
N85-12840/3 **06**-*512,737* PC **A02**/MF **A01**

NAS 1.15:83837
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N85-12841/1 **06**-*512,738* PC **A03**/MF **A01**

NAS 1.15:83859
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N85-12842/9 **06**-*512,739* PC **A03**/MF **A01**

NAS 1.15:83947
Einstein Solid State Spectrometer Observation of the Peculiar Red Dwarf Wolf 630 AB.
(NASA-TM-83947)
N85-12843/7 **06**-*512,740* PC **A02**/MF **A01**

NAS 1.15:83997
Interactive Digital Signal Processor.
(NASA-TM-83997)
N84-34974/5 **02**-*503,827* PC **A08**/MF **A01**

NAS 1.15:84946
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(NASA-TM-84946)
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NAS 1.15:85009
Experimental Philosophy Leading to a Small Scale Digital Data Base of the Conterminous United States for Designing Experiments with Remotely Sensed Data.
(NASA-TM-85009)
N85-28877/7 **20**-*544,660* PC **A02**/MF **A01**

NAS 1.15:85012
Large-Scale, Near-Earth, Magnetic Fields from External Sources and the Corresponding Induced Internal Field.

(NASA-TM-85012)
N84-34807/7 02-503,761 PC A03/MF A01

NAS 1.15:85015-V-5
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(NASA-TM-85015-V-5)
N85-25052/0 17-539,642 PC A06/MF A01

NAS 1.15:85029
Spatial Fluctuations in the Diffuse Cosmic X-Ray Background.
(NASA-TM-85029)
N84-35281/4 02-502,882 PC A22/MF A01

NAS 1.15:85030
Cosmic Ray Propagation in the Local Superbubble.
(NASA-TM-85030)
N85-12655/1 06-512,747 PC A03/MF A01

NAS 1.15:85037
Plasma Electron Analysis: Voyager Plasma Science Experiment.
(NASA-TM-85037)
N84-35243/4 02-502,874 PC A04/MF A01

NAS 1.15:85075
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ICASE-85-29
Blaze Language: A Parallel Language for Scientific Programming.
(NASA-CR-172615)
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ICASE-85-30
Well-Posedness of One-Way Wave Equations and Absorbing Boundary Conditions.
(NASA-CR-172619)
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Variational Approach to Some Parameter Estimation Problems.
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Transonic Steady- and Unsteady-Pressure Measurements on a High-Aspect-Ratio Supercritical-Wing Model with Oscillating Control Surfaces.
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N85-18003/2 **12**-*525,860* PC **A12**/MF **A01**

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N84-33832/6 **01**-*500,044* PC **A07**/MF **A01**

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Subsonic and Transonic Pressure Measurements on a High-Aspect-Ratio Supercritical-Wing Model with Oscillating Control Surfaces.
(NASA-TM-83201)
N85-18004/0 **12**-*525,861* PC **A10**/MF **A01**

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(NASA-TM-86265)
N84-33453/1 **01**-*502,768* PC **A02**/MF **A01**

L-15315
Experimental Trim Drag Values and Flow-Field Measurements for a Wide-Body Transport Model with Conventional and Supercritical Wings.
(NASA-TP-2071)
N85-10920/5 **04**-*507,883* PC **A07**/MF **A01**

L-15484
Low-Speed Tests of a High-Aspect-Ratio, Supercritical-Wing Transport Model Equipped with a High-Lift Flap System in the Langley 4- by 7-Meter and Ames 12-Foot Pressure Tunnels.
(NASA-TP-2097)
N85-31010/0 **23**-*551,877* PC **A13**/MF **A01**

L-15509
Steady- and Unsteady-Pressure Measurements on a Supercritical-Wing Model with Oscillating Control Surfaces at Subsonic and Transonic Speeds.
(NASA-TM-84543)
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L-15521
Aerodynamic Design of the Contoured Wind-Tunnel Liner for the NASA Supercritical, Laminar-Flow-Control, Swept-Wing Experiment.
(NASA-TP-2335)
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Inviscid Analysis of Two Supercritical Laminar-Flow-Control Airfoils at Design and Off-Design Conditions.
(NASA-TM-84657)
N85-29920/4 **22**-*549,275* PC **A02**/MF **A01**

L-15645
Laminar Heat-Transfer Distributions on Biconics at Incidence in Hypersonic-Hypervelocity Flows.
(NASA-TP-2213)
N85-16065/3 **10**-*522,949* PC **A07**/MF **A01**

L-15646
Aileron Effectiveness for a Subsonic Transport Model with a High-Aspect-Ratio Supercritical Wing.
(NASA-TM-85674)
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Modifications to the Nozzle Test Chamber to Extend Nozzle Static-Test Capability.
(NASA-TM-86368)
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Comparative Study of the Nonuniqueness Problem of the Potential Equation.
(NASA-TP-2385)
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Fluctuating Pressures on Fan Blades of a Turbofan Engine, Flight Test Investigation.
(NASA-TP-2381)
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Space Shuttle Orbiter Trimmed Center-of-Gravity Extension Study.
(NASA-TP-2284)
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Experimental and Theoretical Investigation of Deposition Patterns from an Agricultural Airplane.
(NASA-TP-2348)
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Description of the Insulation System for the Langley 0.3-Meter Transonic Cryogenic Tunnel.
(NASA-TM-86274)
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Aerothermal Tests of a 12.5 Percent Cone at Mach 6.7 for Various Reynolds Numbers, Angles of Attack and Nose Shapes.
(NASA-TP-2345)
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(NASA-TP-2371)
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Evaluation of the Langley 4- by 7-Meter Tunnel for Propeller Noise Measurements.
(NASA-TM-85721)
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Wind-Tunnel Investigation of a Full-Scale Canard-Configured General Aviation Airplane.
(NASA-TP-2382)
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(NASA-TM-86276)
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(NASA-TP-2380)
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(NASA-TP-2373)
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(NASA-TM-86263)
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Experimental and Predicted Heating Distributions for Biconics at Incidence in Air at Mach 10.
(NASA-TP-2334)
N85-12313/1 **06**-*514,310* PC **A06**/MF **A01**

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Effects of Airfoil Shape, Thickness, Camber, and Angle of Attack on Calculated Transonic Unsteady Airloads.
(NASA-TM-86320)
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GASP Cloud- and Particle-Encounter Statistics and Their Application to LFC Aircraft Studies. Volume 1: Analysis and Conclusions.
(NASA-TM-85835)
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Simulator Study of the Stall Departure Characteristics of a Light General Aviation Airplane with and Without a Wing-Leading-Edge Modification.
(NASA-TM-86309)
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Exploratory Wind-Tunnel Investigation of a Wingtip-Mounted Vortex Turbine for Vortex Energy Recovery.
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Reference Energy-Altitude Descent Guidance: Simulator Evaluation.
(NASA-TP-2383)
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(NASA-TP-2417)
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Analysis of Noise Measured from a Propeller in a Wake.
(NASA-TP-2358)
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Effect of Jet Exit Vanes on Flow Pulsations in an Open-Jet Wind Tunnel.
(NASA-TM-86299)
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Wind Tunnel Wall Interference Assessment and Correction, 1983.
(NASA-CP-2319)
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Effect of Aerodynamic and Angle-of-Attack Uncertainties on the May 1979 Entry Flight Control System of the Space Shuttle from Mach 8 to 1.5.
(NASA-TP-2365)
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Translational Control of a Graphically Simulated Robot Arm by Kinematic Rate Equations That Overcome Elbow Joint Singularity.
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N85-15144/7 **09**-*519,824* PC **A04**/MF **A01**

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(NASA-TM-85804)
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Study of Several Factors Affecting Crew Escape Trajectories from the Space Shuttle Orbiter at Low-Subsonic Speeds.
(NASA-TM-86303)
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(NASA-TM-86272)
N85-16828/4 **11**-*525,356* PC **A02**/MF **A01**

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(NASA-TP-2389)
N85-16565/2 **10**-*522,208* PC **A03**/MF **A01**

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(NASA-TP-2431)
N85-23708/9 **17**-*537,006* PC **A03**/MF **A01**

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(NASA-TP-2400)
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(NASA-CP-2334)
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(NASA-SP-482)
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Detailed Pressure Distribution Measurements Obtained on Several Configurations of an Aspect-Ratio-7 Variable Twist Wing.
(NASA-TM-86308)
N85-18950/4 **13**-*528,283* PC **A04**/MF **A01**

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Exploratory Investigation of the Aerodynamic Characteristics of a Biwing Vehicle at Mach 20.3.
(NASA-TM-86314)
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Relative Control Effectiveness Technique with Application to Airplane Control Coordination.
(NASA-TP-2416)
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L-15866
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L-15868
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(NASA-TP-2427)
N85-25248/4 **18**-*539,674* PC **A05**/MF **A01**

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N85-25435/7 **18**-*540,882* PC **A03**/MF **A01**

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Comparison of Wind Velocity in Thunderstorms Determined from Measurements by a Ground-Based Doppler Radar and an F-106B Airplane.
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N85-26687/2 **19**-*542,257* PC **A03**/MF **A01**

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N85-13850/1 **08**-*516,834* PC **A18**/MF **A01**

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(NASA-TP-2413)
N85-21120/9 **14**-*530,751* PC **A02**/MF **A01**

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(NASA-TP-2415)
N85-22395/6 **15**-*535,142* PC **A02**/MF **A01**

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(NASA-TP-2428)
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(NASA-TP-2379)
N85-19015/5 **13**-*530,708* PC **A03**/MF **A01**

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N85-29921/2 **22**-*549,276* PC **A08**/MF **A01**

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(NASA-TP-2440)
N85-27575/8 **19**-*543,621* PC **A03**/MF **A01**

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(NASA-TP-2432)
N85-28924/7 **21**-*547,195* PC **A10**/MF **A01**

L-15891
Tables of Nuclear Cross Sections for Galactic Cosmic Rays: Absorption Cross Sections.
(NASA-RP-1134)
N85-27665/7 **19**-*542,202* PC **A03**/MF **A01**

L-15892
Effects of Propeller Rotation Direction on Airplane Interior Noise Levels.
(NASA-TP-2444)
N85-30767/6 **22**-*549,316* PC **A03**/MF **A01**

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Calibration of Sonic Valves for the Laminar Flow Control, Leading-Edge Flight Test.
(NASA-TP-2423)
N85-23707/1 **17**-*539,300* PC **A04**/MF **A01**

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Wind-Tunnel Evaluation of a 21-Percent-Scale Powered Model of a Prototype Advanced Scout Helicopter.
(NASA-TP-2420)
N85-28923/9 **21**-*547,194* PC **A05**/MF **A01**

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(NASA-TP-2445)
N85-28949/4 **21**-*547,220* PC **A03**/MF **A01**

L-15898
Low-Speed Wind-Tunnel Tests of an Advanced Eight-Bladed Propeller.
(NASA-TM-86364)
N85-29928/7 **22**-*549,308* PC **A03**/MF **A01**

L-15899
Experimental and Theoretical Study of the Longitudinal Aerodynamic Characteristics of delta and Double-delta Wings at Mach Numbers of 1.60, 1.90, and 2.16.
(NASA-TP-2433)
N85-29922/0 **22**-*549,277* PC **A06**/MF **A01**

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(NASA-TM-86354)
N85-26193/1 **18**-*540,625* PC **A02**/MF **A01**

L-15901
Deployable Controllable Geometry Truss Beam.
(NASA-TM-86366)
N85-27934/7 **20**-*547,183* PC **A02**/MF **A01**

L-15902
Vapor-Screen Technique for Flow Visualization in the Langley Unitary Plan Wind Tunnel.
(NASA-TM-86384)
N85-29929/5 **22**-*549,279* PC **A03**/MF **A01**

L-15904
Airborne Lidar Measurements of El Chichon Stratospheric Aerosols, October 1982 to November 1982.
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L-15907
Nacelle/Pylon/Wing Integration on a Transport Model with a Natural Laminar Flow Nacelle.
(NASA-TP-2439)
N85-29924/6 **22**-*549,305* PC **A04**/MF **A01**

L-15908
Pressure Distribution from High Reynolds Number Tests of a NASA SC(3)-0712(B) Airfoil in the Langley 0.3-Meter Transonic Cryogenic Tunnel.
(NASA-TM-86370)
N85-29927/9 **22**-*549,307* PC **A18**/MF **A01**

L-15909
High Reynolds Number Tests of a NASA SC(3)-0712(B) Airfoil in the Langley 0.3-Meter Transonic Cryogenic Tunnel.
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L-15911
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L-15912
Charge-to-Mass Dispersion Methods for Abrasion-Ablation Fragmentation Models.
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L-15915
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L-15916
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L-15920
Spectral Reflectances of Natural Targets for Use in Remote Sensing Studies.
(NASA-RP-1139)
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L-15921
Energy Efficient Transport Technology: Program Summary and Bibliography.
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N85-33116/3 **26**-*559,992* PC **A04**/MF **A01**

L-15923
Background Noise Measurements from Jet Exit Vanes Designed to Reduced Flow Pulsations in an Open-Jet Wind Tunnel.
(NASA-TM-86383)
N85-27916/4 **20**-*545,973* PC **A03**/MF **A01**

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(NASA-TM-86378)
N85-27915/6 **20**-*545,972* PC **A02**/MF **A01**

L-15927
Supersonic Aerodynamic Characteristics of Canard, Tailless, and Aft-Tail Configurations for 2 Wing Planforms.
(NASA-TP-2434)
N85-27822/4 **20**-*544,473* PC **A04**/MF **A01**

L-15938
Selecting Step Sizes in Sensitivity Analysis by Finite Differences.
(NASA-TM-86382)
N85-33538/8 **26**-*560,981* PC **A02**/MF **A01**

L-15942
Effect of Low-Velocity or Ballistic Impact Damage on the Strength of Thin Composite and Aluminum Shear Panels.
(NASA-TP-2441)
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L-15945
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(NASA-CP-2361)
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L-15946
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Process for Preparing Essentially Colorless Polyimide Film Containing Phenoxy-Linked Diamines.
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N85-21178/7
Continuous Laminar Smoke Generator.
PATENT-4 493 211 **15**-*534,364* Not available NTIS

N85-21349/4
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Two-Axis, Self-Nulling Skin Friction Balance.
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PAT-APPL-6-686 959 **22**-*549,286* PC **A02**/MF **A01**

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Induction Heating Gun.
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Vibration-Free Raman Doppler Velocimeter.
PAT-APPL-6-727 034 **22**-*550,844* PC **A02**/MF **A01**

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Oscillating Pressure Device for Dynamic Calibration of Pressure Transducers.
PAT-APPL-6-711 551 **22**-*550,842* PC **A02**/MF **A01**

N85-29218/3
Flow Through Bacteria Detection System.
PAT-APPL-6-719 797 **22**-*549,723* PC **A02**/MF **A01**

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Daze Fasteners.
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PATENT-4 516 435 **22**-*550,784* Not available NTIS

N85-29287/8
Fully Redundant Mechanical Release Actuator.
PAT-APPL-6-729 704 **22**-*551,871* PC **A02**/MF **A01**

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Dual Differential Interferometer.
PATENT-4 512 661 **24**-*556,154* Not available NTIS

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(NASA-CR-172486)
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NAS 1.26:172500
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N85-17322/7 **11**-*523,227* PC **A05**/MF **A01**

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Validation of a Fault-Tolerant Clock Synchronization System.
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Experimental and Theoretical Investigation of Deposition Patterns from an Agricultural Airplane.
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Simulator Study of Flight Characteristics of Several Large, Dissimilar, Cargo Transport Airplanes During Approach and Landing.
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(NASA-TP-2358)
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(NASA-TP-2363)
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NAS 1.60:2365
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Rational-Spline Approximation with Automatic Tension Adjustment.
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N84-34204/7 **01**-*501,656* PC **A02**/MF **A01**

NAS 1.60:2369
Long-Term Thermal Aging of 2 Graphite-Polyimide Composite Materials.
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Adaptive Identification and Control of Structural Dynamics Systems Using Recursive Lattice Filters.
(NASA-TP-2371)
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NAS 1.60:2373
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(NASA-TP-2373)
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NAS 1.60:2376
Translational Control of a Graphically Simulated Robot Arm by Kinematic Rate Equations That Overcome Elbow Joint Singularity.
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Parametric Study of a Canard-Configured Transport Using Conceptual Design Optimization.
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NAS 1.60:2413
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(NASA-TP-2413)
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NAS 1.60:2416
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Static Investigation of Several Yaw Vectoring Concepts on Nonaxisymmetric Nozzles.
(NASA-TP-2432)
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N85-29922/0 22-*549,277* PC **A06**/MF **A01**

NAS 1.60:2434
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NAS 1.60:2440
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NAS 1.60:2441
Effect of Low-Velocity or Ballistic Impact Damage on the Strength of Thin Composite and Aluminum Shear Panels.
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NAS 1.60:2444
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NAS 1.60:2454
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NAS 1.60:2455
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NAS 1.60:2458
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(NASA-TP-2458)
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PAT-APPL-6-578 388 01-*500,054* PC **A02**/MF **A01**

NASA-CASE-LAR-12871-1
Flow Through Bacteria Detection System.
PAT-APPL-6-719 797 22-*549,723* PC **A02**/MF **A01**

NASA-CASE-LAR-13094-1
Oscillating Pressure Device for Dynamic Calibration of Pressure Transducers.
PAT-APPL-6-711 551 22-*550,842* PC **A02**/MF **A01**

NASA-CASE-LAR-13134-1
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PAT-APPL-6-661 478 13-*528,323* PC **A02**/MF **A01**

NASA-CASE-LAR-13135-1
Melt-Flow-Toughness Modified Polyimide.
PAT-APPL-6-649 328 03-*505,890* PC **A02**/MF **A01**

NASA-CASE-LAR-13147-1
Volumetric Fuel Quantity Gauge.
PAT-APPL-6-643 523 01-*501,996* PC **A02**/MF **A01**

NASA-CASE-LAR-13150-1
Lightweight Piston.
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Comparator with Noise Suppression.
PAT-APPL-6-683 101 13-*529,254* PC **A02**/MF **A01**

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PAT-APPL-6-690 274 13-*528,324* PC **A02**/MF **A01**

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Fully Redundant Mechanical Release Actuator.
PAT-APPL-6-729 704 22-*551,871* PC **A02**/MF **A01**

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Technique for Measuring Gas Conversion Factors.
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PAT-APPL-6-649 329 02-*502,797* PC **A02**/MF **A01**

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PAT-APPL-6-668 432 13-*528,918* PC **A02**/MF **A01**

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PAT-APPL-6-569 536 01-*501,498* PC **A02**/MF **A01**

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PAT-APPL-6-686 959 22-*549,286* PC **A02**/MF **A01**

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Two-Axis, Self-Nulling Skin Friction Balance.
PAT-APPL-6-706 681 15-*534,379* PC **A02**/MF **A01**

NASA-CASE-LAR-13310-1
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PAT-APPL-6-709 257 15-*533,857* PC **A02**/MF **A01**

NASA-CASE-LAR-13342-1
Liquid Thickness Gage.
PAT-APPL-6-684 186 13-*529,829* PC **A02**/MF **A01**

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Process for Preparing Highly Optically Transparent-Colorless Ammomatic Polyimide Film.
PAT-APPL-6-643 589 15-*533,989* PC **A02**/MF **A01**

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PATENT-4 395 540 13-*529,519* Not available NTIS

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PATENT-4 485 670 15-*534,382* Not available NTIS

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PATENT-4 511 838 **24**-*556,153* Not available NTIS

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PATENT-4 518 277 **24**-*556,079* Not available NTIS

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PATENT-4 512 661 **24**-*556,154* Not available NTIS

PAT-APPL-6-461 788
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PATENT-4 497 935 **15**-*533,972* Not available NTIS

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PATENT-4 475 385 **03**-*506,816* Not available NTIS

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PATENT-4 485 671 **13**-*529,833* Not available NTIS

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Induction Heating Gun.
PATENT-4 521 659 **22**-*550,569* Not available NTIS

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PATENT-4 496 122 **15**-*532,922* Not available NTIS

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PAT-APPL-6-516 087
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PATENT-4 488 335 **13**-*529,422* Not available NTIS

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PATENT-4 485 992 **13**-*528,325* Not available NTIS

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PATENT-4 493 211 **15**-*534,384* Not available NTIS

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PATENT-4 520 601 **24**-*556,036* Not available NTIS

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Precision Manipulator Heating and Cooling Apparatus for Use in UHV (Ultrahigh Vacuum) Systems with Sample Transfer Capability.
PATENT-4 516 435 **22**-*550,784* Not available NTIS

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Process for Improving Moisture Resistance of Epoxy Resins by Addition of Chromium Ions.
PATENT-4 510 277 **26**-*560,913* Not available NTIS

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PATENT-4 473 674 **03**-*506,467* Not available NTIS

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PATENT-4 513 750 **24**-*554,945* Not available NTIS

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N84-32424/3
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PAT-APPL-6-588 039 **01**-*501,841* PC **A02**/MF **A01**

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Multi-Leg Heat Pipe Evaporator.
PAT-APPL-6-616 002 **01**-*501,703* PC **A02**/MF **A01**

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PAT-APPL-6-636 465 **01**-*501,912* PC **A02**/MF **A01**

N84-34692/3
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PAT-APPL-6-659 474 **13**-*529,827* PC **A02**/MF **A01**

N85-20338/8
Slow Opening Valve.
PATENT-4 483 512 **13**-*530,711* Not available NTIS

N85-21427/8
Television Camera Video Level Control System.
PATENT-4 495 520 **15**-*534,495* Not available NTIS

N85-21595/2
Self-Charging Metering and Dispensing Device for Fluids.
PATENT-4 488 663 **15**-*535,302* Not available NTIS

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Connection System.
PATENT-4 483 639 **15**-*534,239* Not available NTIS

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PATENT-4 515 207 **22**-*550,568* Not available NTIS

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PATENT-4 515 751 **22**-*550,848* Not available NTIS

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PATENT-4 513 810 **22**-*550,567* Not available NTIS

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Spray Applicator for Spraying Coatings and Other Fluids in Space.
PATENT-4 519 545 **22**-*550,785* Not available NTIS

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PATENT-4 523 741 **22**-*550,803* Not available NTIS

N85-29750/5
Light Transmitting Window Assembly.
PATENT-4 521 077 **22**-*551,336* Not available NTIS

N85-30334/5
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NAS 1.15:58265
Statistical Comparison of Pooled Nitrogen Washout Data of Various Altitude Decompression Response Groups.
(NASA-TM-58265)
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3-Dimensional Navier-Stokes-Euler Code for Blunt-Body Flow Computations.
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N85-16889/6 **11**-*525,820* PC **A25**/MF **A01**

NAS 1.55:2342-PT-2
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N85-16937/3 **11**-*525,821* PC **A23**/MF **A01**

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(NASA-CASE-MSC-20187-1)
N85-20249/7 **14**-*532,386* PC **A02**/MF **A01**

NASA-CASE-MSC-20148-1
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PAT-APPL-6-636 465 **01**-*501,912* PC **A02**/MF **A01**

NASA-CASE-MSC-20497-1
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PAT-APPL-6-615 505 **03**-*506,615* PC **A02**/MF **A01**

NASA-CASE-MSC-20635-1
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PAT-APPL-6-588 039 **01**-*501,841* PC **A02**/MF **A01**

NASA-CASE-MSC-20653-1
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PAT-APPL-6-659 474 **13**-*529,827* PC **A02**/MF **A01**

NASA-CASE-MSC-20812-1
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PAT-APPL-6-616 002 **01**-*501,703* PC **A02**/MF **A01**

PAT-APPL-6-350 471
Moisture Content and Gas Sampling Device.
PATENT-4 515 751 **22**-*550,848* Not available NTIS

PAT-APPL-6-359 627
Low Gravity Exothermic Heating/Cooling Apparatus.
PATENT-4 513 810 **22**-*550,567* Not available NTIS

PAT-APPL-6-367 132
Television Camera Video Level Control System.
PATENT-4 495 520 **15**-*534,495* Not available NTIS

PAT-APPL-6-392 094
Spray Applicator for Spraying Coatings and Other Fluids in Space.
PATENT-4 519 545 **22**-*550,785* Not available NTIS

PAT-APPL-6-392 104
Slow Opening Valve.
PATENT-4 483 512 **13**-*530,711* Not available NTIS

PAT-APPL-6-393 582
Connection System.
PATENT-4 483 639 **15**-*534,239* Not available NTIS

PAT-APPL-6-393 584
Slide Release Mechanism.
PATENT-4 512 678 **24**-*556,035* Not available NTIS

PAT-APPL-6-425 205
Self-Charging Metering and Dispensing Device for Fluids.
PATENT-4 488 663 **15**-*535,302* Not available NTIS

PAT-APPL-6-523 559
Light Transmitting Window Assembly.
PATENT-4 521 077 **22**-*551,336* Not available NTIS

PAT-APPL-6-569 372
Liquid Crystal Light Valve Structures.
PATENT-4 522 469 **26**-*561,722* Not available NTIS

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PATENT-4 515 207 **22**-*550,569* Not available NTIS

PAT-APPL-6-636 465
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PATENT-4 523 741 **22**-*550,803* Not available NTIS

PAT-APPL-6-646 044
Reactant Pressure Differential Control for Fuel Cell Gases.
PATENT-4 509 548 **26**-*560,860* Not available NTIS

PAT-APPL-649 327
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(NASA-CASE-MSC-20187-1)
N85-20249/7 **14**-*532,386* PC **A02**/MF **A01**

S-532
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N85-21188/6 **14**-*532,868* PC **A20**/MF **A01**

S-535
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S-540
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S-541
Food Service and Nutrition for the Space Station.
(NASA-CP-2370)
N85-24733/6 **17**-*539,637* PC **A05**/MF **A01**

S-542
Design Study of an Integrated Aerobraking Orbital Transfer Vehicle.
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N85-21262/9 **14**-*532,886* PC **A03**/MF **A01**

S-544
Correlation of Predicted and Measured Sonic Boom Characteristics from the Reentry of Sts-1 Orbiter.
(NASA-TP-2475)
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S-545
Statistical Comparison of Pooled Nitrogen Washout Data of Various Altitude Decompression Response Groups.
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N85-26278/0 **18**-*540,234* PC **A02**/MF **A01**

S-546
3-Dimensional Navier-Stokes-Euler Code for Blunt-Body Flow Computations.
(NASA-TM-58266)
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S-548
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PAT-APPL-6-638 584 **01**-*501,349* PC **A02**/MF **A01**

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PAT-APPL-6-601 130 **01**-*501,891* PC **A02**/MF **A01**

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PAT-APPL-6-633 180 **01**-*500,061* PC **A02**/MF **A01**

NASA-CASE-MFS-25964-1
Tube Coupling Device.
PAT-APPL-6-692 801 **13**-*529,706* PC **A02**/MF **A01**

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Magnetic Spin Reduction System for Free Spinning Objects.
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PAT-APPL-6-636 459 **01**-*501,495* PC **A02**/MF **A01**

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PAT-APPL-6-739 788 **22**-*550,783* PC **A02**/MF **A01**

NASA-CASE-MFS-28008-1
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PAT-APPL-6-684 194 **13**-*530,730* PC **A02**/MF **A01**

NASA-CASE-MFS-28030-1
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PAT-APPL-6-719 799 **24**-*556,151* PC **A02**/MF **A01**

NASA-CASE-MFS-28057-1
Double Window Viewing Chamber Assembly.
PAT-APPL-6-729 766 **22**-*550,845* PC **A02**/MF **A01**

NASA-CASE-MFS-28059-1
Remotely Operable Peristaltic Pump.
PAT-APPL-6-709 255 **22**-*550,802* PC **A02**/MF **A01**

NASA-CASE-MFS-28060-1
Laser Schlieren Crystal Monitor.
PAT-APPL-6-706 565 **24**-*556,150* PC **A02**/MF **A01**

NASA-CASE-MSC-20475-1
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PAT-APPL-6-725 689 **22**-*550,782* PC **A02**/MF **A01**

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Solar Powered Actuator with Continuously Variable Auxiliary Power Control.
PATENT-4 489 243 **15**-*533,952* Not available NTIS

PAT-APPL-6-401 282
Hemispherical Latching Apparatus.
PATENT-4 508 296 **24**-*556,034* Not available NTIS

PAT-APPL-6-437 917
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PATENT-4 528 639 **26**-*560,701* Not available NTIS

PAT-APPL-6-441 897
Longwall Shearer Tracking System.
PATENT-4 466 667 **02**-*503,714* Not available NTIS

PAT-APPL-6-450 319
Three-Phase Power Factor Controller with Induced EMF Sensing.
PATENT-4 469 998 **02**-*503,845* Not available NTIS

PAT-APPL-6-460 509
Impacting Device for Testing Insulation.
PATENT-4 470 293 **02**-*504,490* Not available NTIS

PAT-APPL-6-465 366
Insulation Bonding Test System.
PATENT-4 479 386 **13**-*529,831* Not available NTIS

PAT-APPL-6-481 086
Coupling an Induction Motor Type Generator to AC Power Lines.
PATENT-4 473 792 **02**-*504,012* Not available NTIS

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Process for Producing Tris (N-Methylamino) Methylsilane.
PATENT-4 474 975 **15**-*533,564* Not available NTIS

PAT-APPL-6-504 345
Power Control for AC Motor.
PATENT-4 489 264 **16**-*535,973* Not available NTIS

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A-9303-V-1
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(NASA-TM-84351-V-1)
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A-9363
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A-9468
Lagrange-d'Alembert Formulation of the Equations of Motion of a Helicopter Carrying an Externally Suspended Load.
(NASA-TM-85864)
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A-9721
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A-9810
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A-9824
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A-9827
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A-9833
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Simulation Evaluation of Two VTOL Control/Display Systems in IMC Approach and Shipboard Landing.
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A-9855
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A-9856
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A-9857
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A-9876
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A-9877
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A-9884
Connection Between Multigrid and Cyclic Reduction.
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A-9887
Development of Computational Fluid Dynamics at NASA Ames Research Center.
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A-85045
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A-85064
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A-85077
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A-85089
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A-85100
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A-85119
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A85121
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A-85141
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A-85144
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A-85148
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A-85153
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(NASA-TM-86698)
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Decay of a Coherent Scalar Disturbance in a Turbulent Flow.
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A-85190
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H-1175
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(NASA-TP-2374)
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(NASA-TP-2411)
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(NASA-TM-84914)
N85-15713/9 **10**-*520,963* PC **A03**/MF **A01**

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N85-11378/5 **04**-*509,823* PC **A04**/MF **A01**

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(NASA-TM-86035)
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H-1248
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(NASA-TM-85904)
N85-21245/4 **14**-*532,881* PC **A02**/MF **A01**

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(NASA-RP-1138)
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(NASA-TM-85910)
N85-10071/7 **03**-*507,862* PC **A02**/MF **A01**

H-1265
Role of Research Aircraft in Technology Development.
(NASA-TM-85913)
N85-10932/0 **04**-*507,919* PC **A03**/MF **A01**

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Propulsion Control Experience Used in the Highly Integrated Digital Electronic Control (HIDEC) Program.
(NASA-TM-85914)
N84-33415/0 **01**-*502,746* PC **A02**/MF **A01**

H-1273
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(NASA-TM-85920)
N85-15687/5 **10**-*520,960* PC **A02**/MF **A01**

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Western Aeronautical Test Range of NASA Ames Research Center.
(NASA-TM-85924)
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(NASA-TM-85925)
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(NASA-TM-86727)
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(NASA-TM-86728)
N85-33124/7 **26**-*559,982* PC **A02**/MF **A01**

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(NASA-TM-86730)
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(NASA-TM-86731)
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N85-33121/3 **26**-*560,001* PC **A02**/MF **A01**

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(NASA-TM-86735)
N85-29962/6 **22**-*551,837* PC **A02**/MF **A01**

H-1294
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N85-33122/1 **26**-*559,996* PC **A02**/MF **A01**

H-1298
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N85-33123/9 **26**-*559,997* PC **A02**/MF **A01**

H-1304
Constant Altitude Flight Survey Method for Mapping Atmospheric Ambient Pressures and Systematic Radar Errors.
(NASA-TM-86733)
N85-29951/9 **22**-*550,952* PC **A02**/MF **A01**

H-1308
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(NASA-TM-86744)
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N84-33021/6
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PAT-APPL-6-642 602 **01**-*500,833* PC **A02**/MF **A01**

N84-33394/7
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PATENT-4 463 465 **02**-*502,798* Not available NTIS

N85-20320/6
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PAT-APPL-6-692 745 **13**-*529,830* PC **A02**/MF **A01**

N85-20666/2
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PAT-APPL-6-684 190 **13**-*528,796* PC **A02**/MF **A01**

N85-21347/8
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PATENT-4 496 701 **15**-*533,474* Not available NTIS

N85-21348/6
Phthalocyanine Polymers.
PATENT-4 499 260 **15**-*533,479* Not available NTIS

N85-21361/9
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PAT-APPL-6-598 777 **15**-*534,060* PC **A02**/MF **A01**

N85-21362/7
Fire Resistant Polymers Based on 1-(Diorgano Oxyphosphonyl)Methyl-2,4- and 2,6-Diamino Benzenes.
PAT-APPL-6-641 153 **15**-*534,062* PC **A02**/MF **A01**

N85-21363/5
Fire-Resistant Phosphorus Containing Compounds, Polyimides and Copolyimides.
PAT-APPL-6-641 143 **15**-*533,472* PC **A02**/MF **A01**

N85-21364/3
Fire and Heat Resistant Laminating Resins Based on Maleimido and Citraconimido Substituted 1-(Diorgano Oxyphosphonyl)Methyl-2,4- and 2,6-Diaminobenzenes.
PAT-APPL-6-641 147 **15**-*534,061* PC **A03**/MF **A01**

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PAT-APPL-6-684 192 **15**-*533,409* PC **A02**/MF **A01**

N85-21987/1
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PAT-APPL-6-684 193 **15**-*533,410* PC **A02**/MF **A01**

N85-28976/7
Light Weight Fire Resistant Graphite Composites.
PAT-APPL-6-706 682 **22**-*550,412* PC **A03**/MF **A01**

N85-29150/8
Electro-Expulsive Separation System.
PAT-APPL-6-739 792 **22**-*549,319* PC **A04**/MF **A01**

N85-29947/7
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PATENT-4 514 143 **24**-*554,584* Not available NTIS

N85-30033/3
High Performance Mixed Bisimide Resins and Composites Based Thereon.
PAT-APPL-6-719 796 **24**-*555,727* PC **A02**/MF **A01**

N85-30202/4
LDV(Lase Doppler Velocimeter) Multiplexer Interface.
PAT-APPL-6-725 714 **24**-*556,211* PC **A03**/MF **A01**

N85-33187/4
Synthesis of 2,4,8,10-Tetroxaspiro5,5undecane.
PATENT-4 528 386 **26**-*560,462* Not available NTIS

N85-34280/6
Fire-Resistant Phosphorus Containing Polyimides and Copolyimides.
PATENT-4 536 565 **26**-*560,960* Not available NTIS

N85-34281/4
Metal (2) 4,4',4',4'' Phthalocyanine Tetraamines as Curing Agents for Epoxy Resins.
PATENT-4 537 834 **26**-*560,463* Not available NTIS

N85-34374/7
Modulated Voltage Metastable Ionization Detector.
PATENT-4 538 066 **26**-*561,296* Not available NTIS

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N85-14836/9 **09**-*518,328* PC **A02**/MF **A01**

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(NASA-TM-84252)
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NAS 1.15:84351-V-1
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(NASA-TM-84351-V-1)
N85-10033/7 **03**-*505,297* PC **A07**/MF **A01**

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N85-15713/9 **10**-*520,963* PC **A03**/MF **A01**

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N85-21149/8 **14**-*530,776* PC **A04**/MF **A01**

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N84-33415/0 **01**-*502,746* PC **A02**/MF **A01**

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(NASA-TM-85917)
N85-33118/9 **26**-*559,993* PC **A05**/MF **A01**

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(NASA-TM-85920)
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PAT-APPL-6-641 153 **15**-*534,062* PC **A02**/MF **A01**

NASA-CASE-ARC-11522-2
Fire-Resistant Phosphorus Containing Compounds, Polyimides and Copolyimides.
PAT-APPL-6-641 143 **15**-*533,472* PC **A02**/MF **A01**

NASA-CASE-ARC-11533-1
Fire and Heat Resistant Laminating Resins Based on Maleimido and Citraconimido Substituted 1-(Diorgano Oxyphosphonyl)Methyl-2,4- and 2,6-Diaminobenzenes.
PAT-APPL-6-641 147 **15**-*534,061* PC **A03**/MF **A01**

NASA-CASE-ARC-11534-1
Shoulder and Hip Joint for Hard Space Suits and the Like.
PAT-APPL-6-642 602 **01**-*500,833* PC **A02**/MF **A01**

NASA-CASE-ARC-11536-1
LDV(Lase Doppler Velocimeter) Multiplexer Interface.
PAT-APPL-6-725 714 **24**-*556,211* PC **A03**/MF **A01**

NASA-CASE-ARC-11538-1-SB
High Performance Mixed Bisimide Resins and Composites Based Thereon.
PAT-APPL-6-719 796 **24**-*555,727* PC **A02**/MF **A01**

NASA-CASE-ARC-11543-1
Shoulder and Hip Joint for Hard Space Suits and the Like.
PAT-APPL-6-684 192 **15**-*533,409* PC **A02**/MF **A01**

NASA-CASE-ARC-11547-1
Projection Lens Scanning Laser Velocimeter System.
PAT-APPL-6-692 745 **13**-*529,830* PC **A02**/MF **A01**

NASA-CASE-ARC-11610-1
Elbow and Knee Joint for Hard Space Suits and the Like.
PAT-APPL-6-684 190 **13**-*528,796* PC **A02**/MF **A01**

NASA-CASE-ARC-11613-1
Electro-Expulsive Separation System.
PAT-APPL-6-739 792 **22**-*549,319* PC **A04**/MF **A01**

NASA-CASE-ARC-11615-1-SB
Light Weight Fire Resistant Graphite Composites.
PAT-APPL-6-706 682 **22**-*550,412* PC **A03**/MF **A01**

NASA-CASE-ARC-11616-1
Torso Sizing Ring Construction for Hard Space Suit.
PAT-APPL-6-684 193 **15**-*533,410* PC **A02**/MF **A01**

NASA-85075
Transonic Interactions of Unsteady Vortical Flows.
(NASA-TM-86658, USAAVSCOM-TM-84-A-10)
AD-A152 417/2 **14**-*530,738* PC **A02**/MF **A01**

PAT-APPL-6-183 707
Synthesis of 2,4,8,10-Tetroxaspiro5,5undecane.
PATENT-4 528 386 **26**-*560,462* Not available NTIS

PAT-APPL-6-440 656
Phthalocyanine Polymers.
PATENT-4 499 260 **15**-*533,479* Not available NTIS

PAT-APPL-6-452 466
Fire Blocking Systems for Aircraft Seat Cushions.
PATENT-4 463 465 **02**-*502,798* Not available NTIS

PAT-APPL-6-489 675
Aircraft Rotor Blade with Passive Tuned Tab.
PATENT-4 514 143 **24**-*554,584* Not available NTIS

PAT-APPL-6-502 820
Phosphorus-Containing Imide Resins.
PATENT-4 496 701 **15**-*533,474* Not available NTIS

PAT-APPL-6-582 643
Modulated Voltage Metastable Ionization Detector.
PATENT-4 538 066 **26**-*561,296* Not available NTIS

PAT-APPL-6-598 777
Metal (2) 4,4',4',4'' Phthalocyanine Tetraamines as Curing Agents for Epoxy Resins.
PATENT-4 537 834 **26**-*560,463* Not available NTIS

PAT-APPL-6-641 143
Fire-Resistant Phosphorus Containing Polyimides and Copolyimides.
PATENT-4 536 565 **26**-*560,960* Not available NTIS

REPT-85008
Detection of Submillimeter Polarization in the Orion Nebula.
(NASA-TM-86013)
N85-13700/8 **07**-*514,388* PC **A02**/MF **A01**

REPT-85013
Flow Visualization Study of a Vortex-Wing Interaction.
(NASA-TM-86656)
N85-12040/0 **06**-*512,655* PC **A03**/MF **A01**

REPT-85014
Structure of the Vorticity Field in Turbulent Channel Flow. Part 2: Study of Ensemble-Averaged Fields.
(NASA-TM-86657)
N85-12317/2 **06**-*514,081* PC **A03**/MF **A01**

REPT-85016
Far-Infrared Photometry of Compact Extragalactic Sources: OJ 187 and BL Lac.
(NASA-TM-86022)
N85-13701/6 **07**-*514,389* PC **A02**/MF **A01**

REPT-85017
Infrared Study of the Bi-Polar Outflow Region GGD 12-15.
(NASA-TM-86655)
N85-12835/3 **06**-*512,734* PC **A03**/MF **A01**

REPT-85022
Formulation and Analysis of Combat Games.
(NASA-TP-2487)
N85-33745/9 **26**-*560,986* PC **A03**/MF **A01**

REPT-85024
Direct Numerical Simulation of Curved Turbulent Channel Flow.
(NASA-TM-85974)
N85-11316/5 **04**-*510,201* PC **A08**/MF **A01**

REPT-85052
Proceedings of the Workshop on Improvements to Photometry.
(NASA-CP-2350)
N85-17892/9 **11**-*523,319* PC **A12**/MF **A01**

REPT-85053
SIRTF: The Next Step.
(NASA-TM-86663)
N85-16724/5 **10**-*521,019* PC **A02**/MF **A01**

REPT-85057
Technical Workshop: Advanced Helicopter Cockpit Design.
(NASA-CP-2351)
N85-14806/2 **09**-*518,350* PC **A15**/MF **A01**

REPT-85061
Hover Test Results of a Small-Scale Twin-Tilt Nacelle Model.
(NASA-TM-86665)
N85-23706/3 **17**-*537,005* PC **A03**/MF **A01**

REPT-85072
Observations, Theoretical Ideas and Modeling of Turbulent Flows: Past, Present and Future.
(NASA-TM-86679)
N85-27167/4 **19**-*544,005* PC **A03**/MF **A01**

REPT-85073
Airborne Astronomy Symposium. A Symposium Commemorating the Tenth Anniversary of Operations of the Kuiper Airborne Observatory.
(NASA-CP-2353)
N85-17848/1 **11**-*523,335* PC **A17**/MF **A01**

REPT-85075
Transonic Interactions of Unsteady Vortical Flows.
(NASA-TM-86658)
N85-21113/4 **14**-*532,583* PC **A02**/MF **A01**

REPT-85091
Far-Infrared Line Observations of Planetary Nebulae. 1: The O III Spectrum.
(NASA-TM-86670)
N85-19900/8 **13**-*528,392* PC **A03**/MF **A01**

REPT-85105
Numerical Simulation of the NFAC (National Full-Scale Aerodynamics Complex) Open-Return Wind Tunnel Inlet Flow.
(NASA-TM-86724)
N85-26672/4 **19**-*543,999* PC **A02**/MF **A01**

REPT-85132
Finite-Difference Computations of Rotor Loads.
(NASA-TM-86682)
N85-26669/0 **19**-*542,069* PC **A02**/MF **A01**

REPT-85136
Flutter Clearance of the Schweizer 1-36 Deep-Stall Sailplane.
(NASA-TM-85917)
N85-33118/9 **26**-*559,993* PC **A05**/MF **A01**

REPT-85140
Rotorcraft Research Testing in the National Full-Scale Aerodynamics Complex at NASA Ames Research Center.
(NASA-TM-86687)
N85-27854/7 **20**-*545,970* PC **A05**/MF **A01**

REPT-85146
Future of V/STOL Aircraft Systems: A Survey of Opinions.
(NASA-TM-86689)
N85-28937/9 **21**-*547,216* PC **A02**/MF **A01**

REPT-85147
Reconstruction of a 3-Dimensional Transonic Rotor Flow Field from Holographic Interferogram Data.
(NASA-TM-86690)
N85-21112/6 **14**-*532,582* PC **A03**/MF **A01**

REPT-85160
Kolmogorov and Scalar Spectral Regimes in Numerical Turbulence.
(NASA-TM-86699)
N85-28264/8 **20**-*546,506* PC **A03**/MF **A01**

REPT-85171
Bifurcation Theory Applied to Aircraft Motions.
(NASA-TM-86704)
N85-23705/5 **17**-*537,004* PC **A02**/MF **A01**

REPT-85181
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(NASA-CP-2371)
N85-33512/3 **26**-*562,073* PC **A17**/MF **A01**

REPT-85185
Nonequilibrium Air Radiation (Nequair) Program: User's Manual.
(NASA-TM-86707)
N85-30780/9 **22**-*550,023* PC **A07**/MF **A01**

REPT-85193
Use of Superoxide Mixtures as Air-Revitalization Chemicals in Hyperbaric, Self-Contained, Closed-Circuit Breathing Apparatus.
(NASA-TM-86709)
N85-31831/9 **23**-*552,337* PC **A04**/MF **A01**

REPT-85195
NAS Kernel Benchmark Program.
(NASA-TM-86711)
N85-32795/5 **24**-*555,540* PC **A02**/MF **A01**

REPT-85209
Numerical Study of Porous Airfoils in Transonic Flow.
(NASA-TM-86713)
N85-27828/1 **20**-*544,479* PC **A02**/MF **A01**

REPT-85211
Recent Developments in Rotary-Balance Testing of Fighter Aircraft Configurations at NASA Ames Research Center.
(NASA-TM-86714)
N85-32090/1 **24**-*554,550* PC **A03**/MF **A01**

REPT-85212
Application of CFD Techniques Toward the Validation of Nonlinear Aerodynamic Models.
(NASA-TM-86715)
N85-26671/6 **19**-*542,071* PC **A02**/MF **A01**

REPT-85215
Aerodynamic Characteristics of the Standard Dynamics Model in Coning Motion at Mach 0.6.
(NASA-TM-86717)
N85-32094/3 **24**-*554,553* PC **A04**/MF **A01**

REPT-85228
Simulation of Complex Three-Dimensional Flows.
(NASA-TM-86773)
N85-32831/8 **24**-*556,652* PC **A02**/MF **A01**

REPT-85241
Implicit Finite-Difference Code for a Two-Equation Turbulence Model for Three-Dimensional Flows.
(NASA-TM-86752)
N85-31448/2 **23**-*554,197* PC **A02**/MF **A01**

REPT-85246
Generation of Three-Dimensional Body-Fitted Coordinates Using Hyperbolic Partial Differential Equations.
(NASA-TM-86753)
N85-31887/1 **23**-*553,230* PC **A03**/MF **A01**

REPT-85256
Effect of Ground and/or Ceiling Planes on Thrust of Rotors in Hover.
(NASA-TM-86754)
N85-31014/2 **23**-*551,881* PC **A03**/MF **A01**

REPT-85277
Review of Shock Waves around Aeroassisted Orbital Transfer Vehicles.
(NASA-TM-86769)
N85-33177/5 **26**-*562,068* PC **A03**/MF **A01**

REPT-85282
Viscous Flows in Rotating Pipes with Internal Cavities and Related Vortex Breakdowns.
(NASA-TM-86761)
N85-31447/4 **23**-*554,196* PC **A02**/MF **A01**

REPT-85289
Development of a New Laser Doppler Velocimeter for the Ames High Reynolds Channel No. 2.
(NASA-TM-86772)
N85-31477/1 **23**-*553,671* PC **A02**/MF **A01**

REPT-86659
Introduction of New Cockpit Technology: A Human Factors Study.
(NASA-TM-86659)
N85-27528/7 **19**-*542,105* PC **A04**/MF **A01**

T-3309
Simulation Studies of Time-Control Procedures for the Advanced Air Traffic Control System.
(NASA-TP-2493)
N85-32101/6 **24**-*556,222* PC **A02**/MF **A01**

USAAVSCOM-TR-85-A-2
Piloted Simulation of One-on-One Helicopter Air Combat at Noe Flight Levels.
(NASA-TM-86686)
N85-26720/1 **19**-*542,083* PC **A04**/MF **A01**

Development of an Airborne Instrumentation Computer System for Flight Test,
AD-P004 120/2 **04**-*507,937* PC **A02**/MF **A01**

Effects of Time Delay in Man-Machine Control Systems: Implications for Design of Flight Simulator Visual-Display-Delay Compensation,
AD-P004 329/9 **06**-*512,896* PC **A02**/MF **A01**

Influence of a Perspective Cockpit Traffic Display Format on Pilot Avoidance Maneuvers,
AD-P004 515/3 **14**-*530,760* PC **A02**/MF **A01**

Pilot Workload, Performance, and Aircraft Control Automation,
AD-P004 517/9 **14**-*531,120* PC **A02**/MF **A01**

Susceptibility of Cat and Squirrel Monkey to Motion Sickness Induced by Visual Stimulation: Correlation with Susceptibility to Vestibular Stimulation,
AD-P004 645/8 **18**-*540,212* PC **A02**/MF **A01**

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DE85901081 **14**-*530,931* PC **A06**/MF **A01**

NAS 1.15:86199
Atlas of Archived Vegetation, Land-Use and Seasonal Albedo Data Sets.
(NASA-TM-86199)
N85-24508/2 **17**-*537,077* PC **A04**/MF **A01**

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(NASA-CP-2367)
N85-26028/9 **18**-*540,438* PC **A04**/MF **A01**

Superconducting Quasiparticle Mixers for Moderate Power Levels Using Refractory Metals.
AD-A953 999/0 **11**-*524,874* PC **A02**/MF **A01**

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N84-32530/7
Stabilized Unsaturated Polyesters.
PAT-APPL-6-617 871 **01**-*501,079* PC **A02**/MF **A01**

N84-32620/6
Synchronization Tracking in Pulse Position Modulation Receiver.
PAT-APPL-6-638 586 **01**-*502,095* PC **A02**/MF **A01**

N84-32910/1
Stable Density Stratification Solar Pond.
PAT-APPL-6-542 557 **01**-*501,494* PC **A02**/MF **A01**

N84-32911/9
New Solar Cell Design for Improved Open Circuit Voltage and High Efficiency.
PAT-APPL-6-612 990 **01**-*501,475* PC **A02**/MF **A01**

N84-32912/7
Solar-Heated Oil Shale Retort.
PAT-APPL-6-633 363 **01**-*500,937* PC **A02**/MF **A01**

N84-33179/2
Low Loss Splicing Method for Single-Mode Optical Fiber.
PAT-APPL-6-638 585 **01**-*502,419* PC **A02**/MF **A01**

N84-33211/3
FET Charge Sensor and Voltage Probe.
PAT-APPL-6-641 146 **01**-*501,350* PC **A02**/MF **A01**

N84-33589/2
Glass Heating Panels and Method for Preparing the Same from Architectural Reflective Glass.
PATENT-4 459 470 **02**-*504,245* Not available NTIS

N84-33766/6
Portable Reflectance Spectrometer.
PATENT-4 043 668 **02**-*504,489* Not available NTIS

N84-33767/4
Means and Method for Calibrating a Photon Detector Utilizing Electron-Proton Coincidence.
PATENT-4 469 942 **02**-*504,574* Not available NTIS

N84-33769/0
Phase Sensitive Guidance Sensor for Wire-Following Vehicles.
PATENT-4 472 716 **02**-*504,578* Not available NTIS

N84-34443/1
System for Indicating Fuel-Efficient Aircraft Altitude.
PATENT-4 474 062 **03**-*505,307* Not available NTIS

N84-34651/9
Pipelined Digital SAR Azimuth Correlator Using Hybrid FFT-Transversal Filter.
PATENT-4 471 357 **03**-*506,922* Not available NTIS

N84-34705/3
Correlation Spectrometer Having High Resolution and Multiplexing Capability.
PATENT-4 474 471 **03**-*506,815* Not available NTIS

N84-34792/1
Saltless Solar Pond.
PATENT-4 470 403 **03**-*506,359* Not available NTIS

N84-35112/1
Epitaxial Thinning Process.
PATENT-4 462 871 **03**-*506,749* Not available NTIS

N84-35113/9
Process and Apparatus for Growing a Crystal Ribbon.
PATENT-4 469 552 **03**-*505,813* Not available NTIS

N85-20250/5
Method of Examining Microcircuit Patterns.
PAT-APPL-6-541 526 **13**-*529,253* PC **A02**/MF **A01**

N85-20251/3
Method and Apparatus for Measuring Minority Carrier Lifetime in a Direct Band-Gap Semiconductor.
PAT-APPL-6-683 111 **13**-*529,828* PC **A03**/MF **A01**

N85-20680/3
Reed-Solomon Decoder.
PAT-APPL-6-673 685 **13**-*529,933* PC **A03**/MF **A01**

N85-20906/2
Low Stress Semiconductor-Insulator Interface for Cryogenic Device Applications.
PAT-APPL-6-690 284 **13**-*529,123* PC **A02**/MF **A01**

N85-21325/4
Process to Produce Fine Line Metallic Collection Patterns on Semiconductors Devices.
PAT-APPL-6-648 185 **15**-*534,039* PC **A02**/MF **A01**

N85-21407/0
Improved Silicon Grinding Method and Apparatus.
PAT-APPL-6-676 163 **15**-*534,260* PC **A02**/MF **A01**

N85-21428/6
Multicomputer Communication System.
PATENT-4 493 021 **15**-*534,494* Not available NTIS

N85-21491/4
Hollow Cathode Apparatus.
PATENT-4 475 063 **15**-*534,380* Not available NTIS

N85-21493/0
Method and Apparatus for Self-Calibration and Phasing of Array Antenna.
PATENT-4 488 155 **15**-*533,875* Not available NTIS

N85-21596/0
State-of-Charge Coulometer.
PATENT-4 499 424 **15**-*534,388* Not available NTIS

N85-21597/8
Carbon Granule Probe Microphone for Leak Detection.
PATENT-4 498 333 **15**-*534,387* Not available NTIS

N85-21631/5
Portable Remote Laser Sensor for Methane Leak Detection.
PATENT-4 489 239 **15**-*534,383* Not available NTIS

N85-21650/5
Ingot Slicing Machine and Method.
PATENT-4 475 527 **15**-*534,268* Not available NTIS

N85-21652/1
Apparatus and Method to Keep the Walls of a Free-Space Reactor Free from Deposits of Solid Materials.
PATENT-4 500 492 **15**-*534,068* Not available NTIS

N85-21723/0
Method of Measuring Sea Surface Water Temperature with a Satellite Including Wideband Passive Synthetic-Aperture Multichannel Receiver.
PATENT-4 499 470 **15**-*533,747* Not available NTIS

N85-21846/9
Method and Apparatus for Calibrating the Ionosphere and Application to Surveillance of Geophysical Events.
PATENT-4 463 357 **15**-*532,990* Not available NTIS

N85-21992/1
Automatic Multi-Banking of Memory for Microprocessors.
PATENT-4 481 570 **15**-*533,839* Not available NTIS

N85-22104/2
Acoustic Agglomeration Methods and Apparatus.
PATENT-4 475 921 **15**-*534,186* Not available NTIS

N85-22105/9
High Temperature Acoustic Levitator.
PATENT-4 463 606 **15**-*534,261* Not available NTIS

N85-22139/8
Focal Plane Array Optical Proximity Sensor.
PATENT-4 479 053 **15**-*534,514* Not available NTIS

N85-22178/6
Total Immersion Crystal Growth.
PAT-APPL-6-674 395 **15**-*534,742* PC **A02**/MF **A01**

N85-23396/3
Optical System.
PATENT-4 497 540 **16**-*536,779* Not available NTIS

N85-29005/4
Corrosion Resistant Coating.
PATENT-4 522 844 **22**-*550,475* Not available NTIS

N85-29043/5
Stabilized Unsaturated Polyesters.
PATENT-4 523 008 **22**-*549,974* Not available NTIS

N85-29082/3
Reciprocating Magnetic Refrigerator Employing Tandem Porous Matrices within a Reciprocating Displacer.
PATENT-4 507 928 **22**-*550,566* Not available NTIS

N85-29084/9
Ten Degree Kelvin Hydride Refrigerator.
PAT-APPL-6-701 486 **22**-*550,564* PC **A02**/MF **A01**

N85-29117/7
Retinally Stabilized Differential Resolution Television Display.
PATENT-4 513 317 **22**-*550,951* Not available NTIS

N85-29118/5
Beam Forming Network.
PATENT-4 503 436 **22**-*550,297* Not available NTIS

N85-29121/9
Tone Calibrated Digital Radio Communication System.
PAT-APPL-6-727 719 **22**-*550,934* PC **A02**/MF **A01**

N85-29142/5
Closed Loop Electrostatic Levitation System.
PATENT-4 521 854 **22**-*550,272* Not available NTIS

N85-29143/3
Maser Cavity Servo-Tuning System.
PATENT-4 517 530 **22**-*551,320* Not available NTIS

N85-29151/6
Method for Ultrasonic Bonding to Soft Microelectronic Substrates.
PAT-APPL-6-725 726 **22**-*550,751* PC **A02**/MF **A01**

N85-29182/1
Jet Pump-Drive System for Heat Removal.
PAT-APPL-6-739 789 **22**-*551,209* PC **A02**/MF **A01**

N85-29212/6
Trace Water Sensor.
PATENT-4 514 178 **22**-*550,847* Not available NTIS

N85-29219/1
Fluidic Angular Velocity Sensor.
PAT-APPL-6-719 794 **22**-*550,843* PC **A02**/MF **A01**

N85-29264/7
Digital Control of Diode Laser for Atmospheric Spectroscopy.
PATENT-4 509 130 **22**-*549,419* Not available NTIS

N85-29265/4
Magnetically Switched Power Supply Systems for Lasers.
PAT-APPL-6-727 931 **22**-*551,319* PC **A03**/MF **A01**

N85-29282/8
Method for Driving Two-Phase Turbines with Enhanced Efficiency.
PATENT-4 514 137 **22**-*550,331* Not available NTIS

N85-29693/7
Gravity Enhanced Acoustic Levitation Method and Apparatus.
PATENT-4 520 656 **22**-*551,242* Not available NTIS

N85-29701/8
Generation of Intense Negative Ion Beams.
PAT-APPL-6-729 768 **22**-*551,504* PC **A02**/MF **A01**

N85-29749/7
Optical Fiber Coupling Method and Apparatus.
PATENT-4 523 810 **22**-*551,337* Not available NTIS

N85-29800/8
Method for Growth of Crystals by Pressure Reduction of Supercritical or Subcritical Solution.
PATENT-4 512 846 **22**-*551,255* Not available NTIS

N85-30187/7
Split-Cross-Bridge Resistor for Testing for Proper Fabrication of Integrated Circuits.
PATENT-4 516 071 **24**-*556,058* Not available NTIS

N85-30305/5
Arrangement for Damping the Resonance in a Laser Diode.
PATENT-4 513 423 **24**-*556,663* Not available NTIS

N85-30475/6
Increased Voltage Photovoltaic Cell.
PATENT-4 524 237 **24**-*555,682* Not available NTIS

N85-30765/0
Acoustic Particle Separation.
PATENT-4 523 682 **24**-*555,255* Not available NTIS

N85-30779/1
Double Photon Excitation of High-Rydberg Atoms as a Long-Lived Submillimeter Detector.
PAT-APPL-6-703 847 **24**-*556,218* PC **A02**/MF **A01**

N85-30922/7
Low Defect, High Purity Crystalline Layers Grown by Selective Deposition.
PATENT-4 522 661 **24**-*556,612* Not available NTIS

N85-30933/4
Method for Growing Low Defect, High Purity Crystalline Layers.
PAT-APPL-6-706 564 **24**-*556,608* PC **A02**/MF **A01**

N85-30934/2
Ribbon Growing Method and Apparatus.
PAT-APPL-6-719 798 **24**-*555,254* PC **A02**/MF **A01**

N85-34327/5
Method and Apparatus for Delta Kappa Synthetic Aperture Radar Measurement of Ocean Current.
PATENT-4 509 048 **26**-*560,572* Not available NTIS

N85-34333/3
Method and Apparatus for Transfer Function Simulator for Testing Complex Systems.
PATENT-4 509 132 **26**-*560,724* Not available NTIS

N85-34373/9
Instrumentation for Sensing Moisture Content of Material Using a Transient Thermal Pulse.
PATENT-4 532 797 **26**-*561,293* Not available NTIS

N85-34629/4
Ranging System Which Compares an Object Reflected Component of a Light Beam to a Reference Component of the Light Beam.
PATENT-4 533 242 **26**-*561,294* Not available NTIS

N85-34722/7
Shuttle Car Loading System.
PATENT-4 537 554 **26**-*560,633* Not available NTIS

NASA-CASE-NPO-15419-2
Stable Density Stratification Solar Pond.
PAT-APPL-6-542 557 **01**-*501,494* PC **A02**/MF **A01**

NASA-CASE-NPO-15800-2
Total Immersion Crystal Growth.
PAT-APPL-6-674 395 **15**-*534,742* PC **A02**/MF **A01**

NASA-CASE-NPO-15813-2
Method for Growing Low Defect, High Purity Crystalline Layers.
PAT-APPL-6-706 564 **24**-*556,608* PC **A02**/MF **A01**

NASA-CASE-NPO-15982-1
Reed-Solomon Decoder.
PAT-APPL-6-673 685 **13**-*529,933* PC **A03**/MF **A01**

NASA-CASE-NPO-16045-1
FET Charge Sensor and Voltage Probe.
PAT-APPL-6-641 146 **01**-*501,350* PC **A02**/MF **A01**

NASA-CASE-NPO-16061-1-CU
Generation of Intense Negative Ion Beams.
PAT-APPL-6-729 768 **22**-*551,504* PC **A02**/MF **A01**

NASA-CASE-NPO-16087-1
Method for Ultrasonic Bonding to Soft Microelectronic Substrates.
PAT-APPL-6-725 726 **22**-*550,751* PC **A02**/MF **A01**

NASA-CASE-NPO-16103-1
Stabilized Unsaturated Polyesters.
PAT-APPL-6-617 871 **01**-*501,079* PC **A02**/MF **A01**

NASA-CASE-NPO-16126-1
New Solar Cell Design for Improved Open Circuit Voltage and High Efficiency.
PAT-APPL-6-612 990 **01**-*501,475* PC **A02**/MF **A01**

NASA-CASE-NPO-16256-1
Synchronization Tracking in Pulse Position Modulation Receiver.
PAT-APPL-6-638 586 **01**-*502,095* PC **A02**/MF **A01**

NASA-CASE-NPO-16294-1
Low Loss Splicing Method for Single-Mode Optical Fiber.
PAT-APPL-6-638 585 **01**-*502,419* PC **A02**/MF **A01**

NASA-CASE-NPO-16299-1
Method of Examining Microcircuit Patterns.
PAT-APPL-6-541 526 **13**-*529,253* PC **A02**/MF **A01**

NASA-CASE-NPO-16306-1-CU
Ribbon Growing Method and Apparatus.
PAT-APPL-6-719 798 **24**-*555,254* PC **A02**/MF **A01**

NASA-CASE-NPO-16336-1-CU
Improved Silicon Grinding Method and Apparatus.
PAT-APPL-6-676 163 **15**-*534,260* PC **A02**/MF **A01**

NASA-CASE-NPO-16372-1
Double Photon Excitation of High-Rydberg Atoms as a Long-Lived Submillimeter Detector.
PAT-APPL-6-703 847 **24**-*556,218* PC **A02**/MF **A01**

NASA-CASE-NPO-16392-1
Solar-Heated Oil Shale Retort.
PAT-APPL-6-633 363 **01**-*500,937* PC **A02**/MF **A01**

NASA-CASE-NPO-16393-1-CU
Ten Degree Kelvin Hydride Refrigerator.
PAT-APPL-6-701 486 **22**-*550,564* PC **A02**/MF **A01**

NASA-CASE-NPO-16394-1
Low Stress Semiconductor-Insulator Interface for Cryogenic Device Applications.
PAT-APPL-6-690 284 **13**-*529,123* PC **A02**/MF **A01**

NASA-CASE-NPO-16402-1
Magnetically Switched Power Supply Systems for Lasers.
PAT-APPL-6-727 931 **22**-*551,319* PC **A03**/MF **A01**

NASA-CASE-NPO-16413-1
Process to Produce Fine Line Metallic Collection Patterns on Semiconductors Devices.
PAT-APPL-6-648 185 **15**-*534,039* PC **A02**/MF **A01**

NASA-CASE-NPO-16414-1-CU
Tone Calibrated Digital Radio Communication System.
PAT-APPL-6-727 719 **22**-*550,934* PC **A02**/MF **A01**

NASA-CASE-NPO-16479-1-CU
Fluidic Angular Velocity Sensor.
PAT-APPL-6-719 794 **22**-*550,843* PC **A02**/MF **A01**

NASA-CASE-NPO-16494-1-CU
Jet Pump-Drive System for Heat Removal.
PAT-APPL-6-739 789 **22**-*551,209* PC **A02**/MF **A01**

NASA-CASE-NPO-163371-1
Method and Apparatus for Measuring Minority Carrier Lifetime in a Direct Band-Gap Semiconductor.
PAT-APPL-6-683 111 **13**-*529,828* PC **A03**/MF **A01**

PAT-APPL-6-242 797
Focal Plane Array Optical Proximity Sensor.
PATENT-4 479 053 **15**-*534,514* Not available NTIS

PAT-APPL-6-250 585
Multicomputer Communication System.
PATENT-4 493 021 **15**-*534,494* Not available NTIS

PAT-APPL-6-275 909
Hollow Cathode Apparatus.
PATENT-4 475 063 **15**-*534,380* Not available NTIS

PAT-APPL-6-291 645
Automatic Multi-Banking of Memory for Microprocessors.
PATENT-4 481 570 **15**-*533,839* Not available NTIS

PAT-APPL-6-314 928
Pipelined Digital SAR Azimuth Correlator Using Hybrid FFT-Transversal Filter.
PATENT-4 471 357 **03**-*506,922* Not available NTIS

PAT-APPL-6-315 583
Phase Sensitive Guidance Sensor for Wire-Following Vehicles.
PATENT-4 472 716 **02**-*504,578* Not available NTIS

PAT-APPL-6-322 317
Method and Apparatus for Calibrating the Ionosphere and Application to Surveillance of Geophysical Events.
PATENT-4 463 357 **15**-*532,990* Not available NTIS

PAT-APPL-6-342 828
Optical Fiber Coupling Method and Apparatus.
PATENT-4 523 810 **22**-*551,337* Not available NTIS

PAT-APPL-6-342 871
Glass Heating Panels and Method for Preparing the Same from Architectural Reflective Glass.
PATENT-4 459 470 **02**-*504,245* Not available NTIS

PAT-APPL-6-358 088
Means and Method for Calibrating a Photon Detector Utilizing Electron-Photon Coincidence.
PATENT-4 469 942 **02**-*504,574* Not available NTIS

PAT-APPL-6-359 382
Method and Apparatus for Delta Kappa Synthetic Aperture Radar Measurement of Ocean Current.
PATENT-4 509 048 **26**-*560,572* Not available NTIS

PAT-APPL-6-361 217
Acoustic Agglomeration Methods and Apparatus.
PATENT-4 475 921 **15**-*534,186* Not available NTIS

PAT-APPL-6-366 103
Epitaxial Thinning Process.
PATENT-4 462 871 **03**-*506,749* Not available NTIS

PAT-APPL-6-367 136
State-of-Charge Coulometer.
PATENT-4 499 424 **15**-*534,388* Not available NTIS

PAT-APPL-6-371 351
Process and Apparatus for Growing a Crystal Ribbon.
PATENT-4 469 552 **03**-*505,813* Not available NTIS

PAT-APPL-6-373 770
Correlation Spectrometer Having High Resolution and Multiplexing Capability.
PATENT-4 474 471 **03**-*506,815* Not available NTIS

PAT-APPL-6-375 620
Method of Measuring Sea Surface Water Temperature with a Satellite Including Wideband Passive Synthetic-Aperture Multichannel Receiver.
PATENT-4 499 470 **15**-*533,747* Not available NTIS

PAT-APPL-6-379 601
Acoustic Particle Separation.
PATENT-4 523 682 **24**-*555,255* Not available NTIS

PAT-APPL-6-383 068
Saltless Solar Pond.
PATENT-4 470 403 **03**-*506,359* Not available NTIS

PAT-APPL-6-384 547
Digital Control of Diode Laser for Atmospheric Spectroscopy.
PATENT-4 509 130 **22**-*549,419* Not available NTIS

PAT-APPL-6-385 220
Arrangement for Damping the Resonance in a Laser Diode.
PATENT-4 513 423 **24**-*556,663* Not available NTIS

PAT-APPL-6-387 647
Method and Apparatus for Transfer Function Simulator for Testing Complex Systems.
PATENT-4 509 132 **26**-*560,724* Not available NTIS

PAT-APPL-6-387 648
Ingot Slicing Machine and Method.
PATENT-4 475 527 **15**-*534,268* Not available NTIS

PAT-APPL-6-392 944
Method for Growth of Crystals by Pressure Reduction of Supercritical or Subcritical Solution.
PATENT-4 512 846 **22**-*551,255* Not available NTIS

PAT-APPL-6-402 205
Split-Cross-Bridge Resistor for Testing for Proper Fabrication of Integrated Circuits.
PATENT-4 516 071 **24**-*556,058* Not available NTIS

PAT-APPL-6-403 848
Method and Apparatus for Self-Calibration and Phasing of Array Antenna.
PATENT-4 488 155 **15**-*533,875* Not available NTIS

PAT-APPL-6-412 039
System for Indicating Fuel-Efficient Aircraft Altitude.
PATENT-4 474 062 **03**-*505,307* Not available NTIS

PAT-APPL-6-415 879
Apparatus and Method to Keep the Walls of a Free-Space Reactor Free from Deposits of Solid Materials.
PATENT-4 500 492 **15**-*534,068* Not available NTIS

PAT-APPL-6-423 016
Portable Remote Laser Sensor for Methane Leak Detection.
PATENT-4 489 239 **15**-*534,383* Not available NTIS

PAT-APPL-6-425 202
Ranging System Which Compares an Object Reflected Component of a Light Beam to a Reference Component of the Light Beam.
PATENT-4 533 242 **26**-*561,294* Not available NTIS

PAT-APPL-6-425 204
Retinally Stabilized Differential Resolution Television Display.
PATENT-4 513 317 **22**-*550,951* Not available NTIS

PAT-APPL-6-431 420
Method for Driving Two-Phase Turbines with Enhanced Efficiency.
PATENT-4 514 137 **22**-*550,331* Not available NTIS

PAT-APPL-6-437 912
Closed Loop Electrostatic Levitation System.
PATENT-4 521 854 **22**-*550,272* Not available NTIS

PAT-APPL-6-448 441
Beam Forming Network.
PATENT-4 503 436 **22**-*550,297* Not available NTIS

PAT-APPL-6-457 990
Shuttle Car Loading System.
PATENT-4 537 554 **26**-*560,633* Not available NTIS

PAT-APPL-6-457 992
Trace Water Sensor.
PATENT-4 514 178 **22**-*550,847* Not available NTIS

PAT-APPL-6-478 130
Optical System.
PATENT-4 497 540 **16**-*536,779* Not available NTIS

PAT-APPL-6-500 044
Carbon Granule Probe Microphone for Leak Detection.
PATENT-4 498 333 **15**-*534,387* Not available NTIS

PAT-APPL-6-507 624
Low Defect, High Purity Crystalline Layers Grown by Selective Deposition.
PATENT-4 522 661 **24**-*556,612* Not available NTIS

PAT-APPL-6-526 750
High Temperature Acoustic Levitator.
PATENT-4 463 606 **15**-*534,261* Not available NTIS

PAT-APPL-6-537 616
Corrosion Resistant Coating.
PATENT-4 522 844 **22**-*550,475* Not available NTIS

PAT-APPL-6-556 513
Maser Cavity Servo-Tuning System.
PATENT-4 517 530 **22**-*551,320* Not available NTIS

PAT-APPL-6-559 988
Gravity Enhanced Acoustic Levitation Method and Apparatus.

PATENT-4 520 656 **22**-*551,242* Not available NTIS

PAT-APPL-6-563 890
Instrumentation for Sensing Moisture Content of Material Using a Transient Thermal Pulse.
PATENT-4 532 797 **26**-*561,293* Not available NTIS

PAT-APPL-6-578 390
Increased Voltage Photovoltaic Cell.
PATENT-4 524 237 **24**-*555,682* Not available NTIS

PAT-APPL-6-588 164
Reciprocating Magnetic Refrigerator Employing Tandem Porous Matrices within a Reciprocating Displacer.
PATENT-4 507 928 **22**-*550,566* Not available NTIS

PAT-APPL-6-617 871
Stabilized Unsaturated Polyesters.
PATENT-4 523 008 **22**-*549,974* Not available NTIS

PAT-APPL-561 369
Portable Reflectance Spectrometer.
PATENT-4 043 668 **02**-*504,489* Not available NTIS

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, WALLOPS ISLAND, VA. WALLOPS STATION.

N85-21598/6
Thin Film Strain Transducer.
PATENT-4 498 231 **15**-*534,386* Not available NTIS

NAS 1.15:84440
Remote Sensing of Directional Wave Spectra Using the Surface Contour Radar.
(NASA-TM-84440)
N85-24510/8 **17**-*537,854* PC **A02**/MF **A01**

NAS 1.15:84441
Contamination of the Fetch-Limited Directional Wave Spectrum by Waves Emanating from an Embayment.
(NASA-TM-84441)
N85-26048/7 **18**-*540,440* PC **A02**/MF **A01**

NAS 1.60:2438
Wind-Weighting for Sounding Rockets with a Telemetry System.
(NASA-TP-2438)
N85-21246/2 **14**-*530,935* PC **A02**/MF **A01**

PAT-APPL-6-526 770
Thin Film Strain Transducer.
PATENT-4 498 231 **15**-*534,386* Not available NTIS

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, WASHINGTON, DC.

A-9127
Installed Nacelle Drag-Improvement Tests of an M = 0.8 Turboprop Transport Configuration.
(NASA-TM-84302)
N85-15716/2 **10**-*520,947* PC **A17**/MF **A01**

AAAF-NT-79-08
Unsteady Flow Charactenstics in the Near-Wake of a Two-Dimensional Obstacle.
(NASA-TM-77762)
N85-15684/2 **10**-*522,943* PC **A03**/MF **A01**

AAAF-NT-83-16
Unsteady Aerodynamic Characterization of a Military Aircraft in Vertical Gusts.
(NASA-TM-77810)
N85-21110/0 **14**-*530,746* PC **A03**/MF **A01**

AAF-PAPER-NT-82-01
Towards a Renewal of the Propeller in Aeronautics.
(NASA-TM-77803)
N85-21169/6 **14**-*530,777* PC **A03**/MF **A01**

AR-5
Nasa Geodynamics Program.
(NASA-TM-87359)
N85-10418/0 **03**-*505,963* PC **A05**/MF **A01**

AR-5
NASA Oceanic Processes Program Annual Review.
(NASA-TM-87565)
N85-27503/0 **19**-*542,887* PC **A08**/MF **A01**

DFVLR-FB-84-03-PT-1
Development of Media for Dynamic Latent Heat Storage for the Low-Temperature Range. Part 1: Thermal Analyses of Selected Salt Hydrate Systems.
(NASA-TM-77778)
N85-19510/5 **13**-*529,347* PC **A04**/MF **A01**

DFVLR-MITT-80-09
Wind Shear Measuring on Board an Airliner.
(NASA-TM-77463)
N85-12521/9 **06**-*512,670* PC **A02**/MF **A01**

DFVLR-WF2/7804
X-Ray Satellite.
(NASA-TM-77882)
N85-31145/4 **23**-*554,529* PC **A03**/MF **A01**

DFVLR-WF2/8346
X-Ray Satellite.
(NASA-TM-77898)
N85-31144/7 **23**-*554,528* PC **A03**/MF **A01**

DGLR-PAPER-80-009
Station Keeping of Geostationary Satellites by Electric Propulsion.
(NASA-TM-77820)
N85-24337/6 **17**-*539,641* PC **A03**/MF **A01**

DGLR-T-83-01
Design of High-Performance Gliders.
(NASA-TM-77772)
N85-23750/1 **17**-*537,022* PC **A02**/MF **A01**

DGLR-83-01
Design of Sport and Touring Aircraft.
(NASA-TM-77783)
N85-18975/1 **13**-*528,315* PC **A03**/MF **A01**

DMG-93/83
Directional Solidification of Al2-Cu-Al and Al3-Ni-Al Eutectics During Texus Rocket Flight.
(NASA-TM-77552)
N84-34602/2 **02**-*504,078* PC **A04**/MF **A01**

DOE/ET/15308-T1
Efficient Burner Characterization by Acoustic Measurements II. Annual Report, FY 80.
DE82002533 **24**-*557,071* PC **A13**/MF **A01**

DPHG/SAP-83-14R-PHG
Balloon Test Project: Cosmic Ray Antimatter Calorimeter (CRAC).
(NASA-TM-77461)
N84-33772/4 **01**-*502,171* PC **A03**/MF **A01**

IDI-18309
Unidirectional Fibers and Polyurethane Elastomer Matrix Based Composites Synthesis and Properties.
(NASA-TM-77501)
N85-15826/9 **10**-*522,099* PC **A10**/MF **A01**

INPE-2803-PRE/363
Ion Thruster Project.
(NASA-TM-77726)
N85-15805/3 **10**-*523,138* PC **A02**/MF **A01**

IRT-47
Patterns of Behavior in Lodgings Exposed to Traffic Noise.
(NASA-TM-77750)
N85-12479/0 **06**-*512,994* PC **A07**/MF **A01**

LC-84-11580
Voyager 1 and 2 Atlas of Six Saturnian Satellites.
(NASA-SP-474)
N84-35242/6 **02**-*502,873* PC **A08**/MF **A01**

M-485
Adding Computationally Efficient Realism to Monte Carlo Turbulence Simulation.
(NASA-TP-2469)
N85-28708/4 **20**-*544,488* PC **A02**/MF **A01**

N85-29291/0
Improvements in Tank Tread Assemblies.
PAT-APPL-6-692 802 **22**-*550,729* PC **A02**/MF **A01**

NAL-TR-680
New Method of Evaluating the Side Wall Interference Effect on Airfoil Angle of Attack by Suction from the Side Walls.
(NASA-TM-77722)
N84-34432/4 **02**-*502,782* PC **A03**/MF **A01**

NAL-TR-753
Tensile Test of Pressureless-Sintered Silicon Nitride at Elevated Temperature.
(NASA-TM-77777)
N85-17390/4 **11**-*524,432* PC **A03**/MF **A01**

NAS 1.15:76765
Structures and the Role of an International Agency for the Control of Satellites.
(NASA-TM-76765)
N85-12806/4 **06**-*512,846* PC **A02**/MF **A01**

NAS 1.15:76976
Ultrastructural Alterations in Skeletal Muscle Fibers of Rats after Exercise.
(NASA-TM-76976)
N84-34117/1 **01**-*500,866* PC **A02**/MF **A01**

NAS 1.15:77397
Effects of Applied Pressure on Hot-Pressing of beta-SIC.
(NASA-TM-77397)
N84-33593/4 **01**-*501,504* PC **A02**/MF **A01**

NAS 1.15:77413
Microscopic Aspects of the Effect of Friction Reducers at the Lubrication Limit.
(NASA-TM-77413)
N85-12354/5 **06**-*513,620* PC **A06**/MF **A01**

NAS 1.15:77414
Research on Oxidation by Air and Tempering of Raney Nickel Electrocatalysts for the H2 Anodes of Alkali Combustion Materials Cells.
(NASA-TM-77414)
N84-33535/5 **01**-*501,490* PC **A06**/MF **A01**

NAS 1.15:77416
Microstructure and Properties of Ceramics.
(NASA-TM-77416)
N85-12155/6 **06**-*513,514* PC **A03**/MF **A01**

NAS 1.15:77420
Application of Quantitative Microscopy to Ceramics.
(NASA-TM-77420)
N84-34618/8 **02**-*504,034* PC **A03**/MF **A01**

NAS 1.15:77422
Sintering Behavior of Ultrafine Silicon Carbide Powders Obtained by Vapor Phase Reaction.
(NASA-TM-77422)
N85-12161/4 **06**-*513,518* PC **A03**/MF **A01**

NAS 1.15:77423
Microstructure of Ceramics Fabricated by Unidirectional Solidification.
(NASA-TM-77423)
N85-12157/2 **06**-*513,516* PC **A02**/MF **A01**

NAS 1.15:77429
Oxidation Resistance of Silicon Ceramics.
(NASA-TM-77429)
N85-15898/8 **10**-*522,082* PC **A02**/MF **A01**

NAS 1.15:77434
Ceramic Powder for Sintering Materials.
(NASA-TM-77434)
N85-12160/6 **06**-*513,517* PC **A02**/MF **A01**

NAS 1.15:77437
Ceramic Fabrication Process Before Firing-Surface Treatment of Ceramic Powder.
(NASA-TM-77437)
N85-17129/6 **11**-*524,431* PC **A02**/MF **A01**

NAS 1.15:77448
Heat Transfer Characteristics of Regenerator Matrix (Case of Packed Wire Gauzes).
(NASA-TM-77448)
N84-34693/1 **02**-*505,227* PC **A03**/MF **A01**

NAS 1.15:77461
Balloon Test Project: Cosmic Ray Antimatter Calorimeter (CRAC).
(NASA-TM-77461)
N84-33772/4 **01**-*502,171* PC **A03**/MF **A01**

NAS 1.15:77463
Wind Shear Measuring on Board an Airliner.
(NASA-TM-77463)
N85-12521/9 **06**-*512,670* PC **A02**/MF **A01**

NAS 1.15:77467
Turbo Fluid Machinery and Diffusers.
(NASA-TM-77467)
N85-17363/1 **11**-*524,350* PC **A10**/MF **A01**

NAS 1.15:77476
Interactions Between Satellites and Plasma.
(NASA-TM-77476)
N84-33451/5 **01**-*502,766* PC **A02**/MF **A01**

NAS 1.15:77481
Cryogenic Wind Tunnel Technology. A Way to Measurement at Higher Reynolds Numbers.
(NASA-TM-77481)
N84-34451/4 **02**-*504,485* PC **A03**/MF **A01**

NAS 1.15:77483
Several Specific and Nonspecific Responses of the Human and Animal Body to Ship Noise.
(NASA-TM-77483)
N85-26116/2 **18**-*540,224* PC **A02**/MF **A01**

NAS 1.15:77484
Fungi of Mt. Babia Gora. 1: Mycoflora of Forests.
(NASA-TM-77484)
N85-11522/8 **04**-*508,447* PC **A07**/MF **A01**

NAS 1.15:77485
Fungi of Mt. Babia Gora. 2: Indicative Value of Macromycetes in Forest Associations. A: Initial Considerations.
(NASA-TM-77485)
N85-10632/6 **03**-*505,362* PC **A05**/MF **A01**

NAS 1.15:77486
Fungi of Mount Babia Gora. 3: The Indicating Value of Macromycetes in the Forest Associations.
(NASA-TM-77486)
N85-10633/4 **03**-*505,363* PC **A04**/MF **A01**

NAS 1.15:77487
Behavior of Al2O3 and SiO2 with Heating in a Cl2 + CO Stream.
(NASA-TM-77487)
N84-33533/0 **01**-*501,068* PC **A02**/MF **A01**

NAS 1.15:77488
Structural Changes During Milling of Aluminum Oxide Powders.
(NASA-TM-77488)
N85-13008/6 **07**-*514,959* PC **A02**/MF **A01**

NAS 1.15:77493
Deformation Analysis of Flat Flexible Gear and Its Equation of Original Curved Surfaces.
(NASA-TM-77493)
N85-21660/4 **14**-*532,201* PC **A02**/MF **A01**

NAS 1.15:77495
Study of the Pore Structure of Ceramics Prepared by the Slip Casting Method.
(NASA-TM-77495)
N85-13048/2 **07**-*514,962* PC **A02**/MF **A01**

NAS 1.15:77501
Unidirectional Fibers and Polyurethane Elastomer Matrix Based Composites Synthesis and Properties.
(NASA-TM-77501)
N85-15826/9 **10**-*522,099* PC **A10**/MF **A01**

NAS 1.15:77503
Influence of Aluminum Oxide Film on Thermocompression Bonding of Gold Wire to Evaporated Aluminum Film.
(NASA-TM-77503)
N85-12127/5 **06**-*513,856* PC **A02**/MF **A01**

NAS 1.15:77504
Brittleness of Ceramics.
(NASA-TM-77504)
N85-12156/4 **06**-*513,515* PC **A03**/MF **A01**

NAS 1.15:77505
Helium Ionization Detection Apparatus.
(NASA-TM-77505)
N85-12332/1 **06**-*513,919* PC **A02**/MF **A01**

NAS 1.15:77508
Alpha-Form of the Hydroxides of Bivalent Metals.
(NASA-TM-77508)
N85-13009/4 **07**-*514,705* PC **A03**/MF **A01**

NAS 1.15:77510
Results of S5 CH Tests with an ARL (Aerospace Research Laboratory) Cascade.
(NASA-TM-77510)
N85-16882/1 **11**-*524,804* PC **A03**/MF **A01**

NAS 1.15:77517
Development of the Vestibular Apparatus under Conditions of Weightlessness.
(NASA-TM-77517)
N85-16422/6 **10**-*521,644* PC **A03**/MF **A01**

NAS 1.15:77538
International Vega 'Venus-Halley' (1984-1986 Experiment: Description and Scientific Objectives.
(NASA-TM-77536)
N85-22324/6 **14**-*530,882* PC **A05**/MF **A01**

NAS 1.15:77538
Development of the Engineering Test Satellite-3 (ETS-3) Ion Engine System.
(NASA-TM-77538)
N85-10101/2 **03**-*507,785* PC **A17**/MF **A01**

NAS 1.15:77552
Directional Solidification of Al2-Cu-Al and Al3-Ni-Al Eutectics During Texus Rocket Flight.
(NASA-TM-77552)
N84-34602/2 **02**-*504,078* PC **A04**/MF **A01**

NAS 1.15:77558
Meteorite Bombardment and Dating of Planetary Surfaces.
(NASA-TM-77558)
N84-35260/8 **02**-*502,877* PC **A08**/MF **A01**

NAS 1.15:77587
Vortex Bursting.
(NASA-TM-77587)
N85-10008/9 **03**-*505,276* PC **A04**/MF **A01**

NAS 1.15:77589
International Comparative Study of Systems for the Government Advancement of Research and Development.
(NASA-TM-77589)
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PB85-191963 **14**-532,008 PC **A05**/MF **A01**

Equation-of-State-Based Thermodynamic Charts for Non-azeotropic Refrigerant Mixtures.
PB85-186955 **15**-534,164 Not available NTIS

Upgrading Plumbing Vent Systems in Rehab Buildings.
PB85-189256 **15**-534,232 Not available NTIS

Experimental and Analytical Evaluation of Collector Storage Walls in Passive Solar Applications.
PB85-205151 **19**-543,348 Not available NTIS

Sensor Errors.
PB85-205250 **19**-543,349 Not available NTIS

Criteria for Mechanical Energy Saving Retrofit Options for Single-Family Residences.
PB85-207942 **21**-548,054 Not available NTIS

NATIONAL BUREAU OF STANDARDS (NEL), GAITHERSBURG, MD. BUILDING MATERIALS DIV.

NBSIR-85/3193
Preliminary Recommendations for Maintenance of Factory Coated Metal Siding and Roofing.
PB85-243715 **25**-558,692 PC **A05**/MF **A01**

NATIONAL BUREAU OF STANDARDS (NEL), GAITHERSBURG, MD. BUILDING PHYSICS DIV.

NBSIR-85/3150
Indoor Air Quality Modeling Workshop Report.
PB85-212306 **18**-541,188 PC **A02**/MF **A01**

NATIONAL BUREAU OF STANDARDS (NEL), GAITHERSBURG, MD. CENTER FOR APPLIED MATHEMATICS.

NBS/TN-1203
Benefit-Cost Model of Residential Fire Sprinkler Systems.
PB85-132918 **05**-512,020 PC **A08**/MF **A01**

NBS/TN-1209
MARKET: A Model for Anlayzing the Production, Transmission, and Distribution of Natural Gas.
PB85-206043 **17**-539,609 PC **A08**/MF **A01**

NBSIR-84/2902
Selected NBSNET Software.
PB85-109148 **04**-*509,129* PC **A06**/MF **A01**

NBSIR-84/2936
Diamonds and Diamond Sorting.
PB85-128502 **04**-*509,150* PC **A02**/MF **A01**

NBSIR-85/2999
National Archives and Records Service (NARS) Twenty Year Preservation Plan.
PB85-177640 **12**-*526,086* PC **A04**/MF **A01**

NBSIR-85/3178
Paratransit Advanced Routing and Scheduling System Documentation: Routing and Scheduling Dial-A-Ride Subsystem.
PB85-246502 **23**-*553,495* PC **A07**/MF **A01**

Subharmonic Frequency Locking in the Resistive Josephson Thermometer.
PB85-227668 **22**-*550,858* Not available NTIS

NATIONAL BUREAU OF STANDARDS (NEL), GAITHERSBURG, MD. CENTER FOR BUILDING TECHNOLOGY.

NBS/BSS-162
Ring-on-Ring Tests and Load Capacity of Cladding Glass.
PB85-106391 **01**-*501,835* PC **A04**/MF **A01**

NBS/BSS-163
Potential Energy Savings in Residential Oil-Fired Heating Systems in the U.S.
PB85-153849 **08**-*517,068* PC **A04**/MF **A01**

NBS/GCR-84/475
Measurement Techniques for Evaluating Solar Reflector Materials.
PB85-119469 **04**-*509,278* PC **A04**/MF **A01**

NBS/SP-446/9
Building Technology Project Summaries, 1985.
PB85-240448 **23**-*553,632* PC **A09**/MF **A01**

NBS/SP-694
Research and Innovation in the Building Regulatory Process: Proceedings of the NBS/NCSBCS Joint Conference (6th), Technical Seminar on Streamlined Administrative Procedures, Computers in Construction, and Fire Safety Technology Held at Denver, Colorado on September 11, 1984.
PB85-196541 **15**-*534,321* PC **A07**/MF **A01**

NBS/SP-695
Application of Risk Analysis to Offshore Oil and Gas Operations - Proceedings of an International Workshop Held at Gaithersburg, Maryland on March 27 and 28, 1984.
PB85-232544 **20**-*545,166* PC **A10**/MF **A01**

NBS/TN-1196
NBS (National Bureau of Standards) Solar Collector Durability/Reliability Test Program: Final Report.
PB85-113603 **03**-*506,283* PC **A08**/MF **A01**

NBS/TN-1210
Urea-Formaldehyde Foam Insulations: A Review of Their Properties and Performance.
PB85-195311 **14**-*532,164* PC **A04**/MF **A01**

NBSIR-84/2833
Data Requirements for the Seismic Review of LNG (Liquefied Natural Gas) Facilities.
PB85-121465 **04**-*508,211* PC **A04**/MF **A01**

NBSIR-84/2860
Field Hydraulic Performance of One- and Two-Story Residential Plumbing Systems with Reduced-Size Vents.
PB85-131878 **05**-*512,008* PC **A06**/MF **A01**

NBSIR-84/2909
Phase Change Thermal Energy Storage and the Model Building Codes.
PB85-111201 **02**-*504,022* PC **A13**/MF **A01**

NBSIR-84/2916
Evaluation of Infrared Reflectance as a Technique for Measuring Absorber Materials Degradation.
PB85-108488 **03**-*506,280* PC **A03**/MF **A01**

NBSIR-84/2920
Thermal Performance Testing of Passive Solar Components in the NBS (National Bureau of Standards) Calorimeter.
PB85-119345 **04**-*509,872* PC **A04**/MF **A01**

NBSIR-84/2921
Structural Reliability Fundamentals and Their Application to Offshore Structures.
PB85-109809 **02**-*504,425* PC **A03**/MF **A01**

NBSIR-84/2929
Influence of Vertical Compressive Stress on Shear Resistance of Concrete Block Masonry Walls.
PB85-119337 **04**-*509,718* PC **A04**/MF **A01**

NBSIR-84/2930
Short Duration Winter-Time Performances of Different Passive Solar Systems.
PB85-163392 **08**-*517,070* PC **A04**/MF **A01**

NBSIR-84/2937
Validation of Daylight Prediction with CEL-1.
PB85-165645 **09**-*519,540* PC **A02**/MF **A01**

NBSIR-84/2939
Criteria for Mechanical Systems in Multifamily Buildings for Residential Weatherization Options.
PB85-120129 **04**-*509,582* PC **A05**/MF **A01**

NBSIR-84/2942
Evaluation of Ettringite and Related Compounds for Use in Solar Energy Storage.
PB85-146876 **06**-*513,504* PC **A03**/MF **A01**

NBSIR-84/2943
New Concepts for Measuring Flame Spread Properties.
PB85-133973 **04**-*510,424* PC **A08**/MF **A01**

NBSIR-84/2950
Innovative Office Building Structures and Enclosures: A Survey of Experts.
PB85-159069 **09**-*519,782* PC **A06**/MF **A01**

NBSIR-84/2961
Procedure for Tristimulus Color Measurements on Building Stone.
PB85-133981 **04**-*509,728* PC **A03**/MF **A01**

NBSIR-84/2964
Implementation of Compressible Shoring Analysis for Multistory Concrete Construction.
PB85-159960 **08**-*517,246* PC **A04**/MF **A01**

NBSIR-84/2972
Multi-Year Plan for Experimental Systems Research-Passive and Hybrid Solar Energy Program.
PB85-146868 **06**-*513,490* PC **A04**/MF **A01**

NBSIR-84/2974
CEL-1 User's Guide Update.
PB85-178325 **12**-*527,243* PC **A04**/MF **A01**

NBSIR-84/2980
Research Priorities for Improving the Effectiveness of Active Solar Hot Water and Space Conditioning Systems.
PB85-153443 **07**-*515,076* PC **A05**/MF **A01**

NBSIR-85/3108
Preliminary Study of the Vertical Stack to Horizontal Drain Entry Condition as an Extension to the Modeling of Unsteady Partially Filled Pipe Flow.
PB85-177962 **12**-*527,443* PC **A04**/MF **A01**

NBSIR-85/3116
Alkali-Silica Reaction in Concrete.
PB85-200095 **15**-*534,233* PC **A03**/MF **A01**

NBSIR-85/3126
Monitoring of Dynamic Response of Floor in 'D' Wing of the Main Building, Bureau of Engraving and Printing.
PB85-196400 **15**-*534,320* PC **A02**/MF **A01**

NBSIR-85/3131
Laboratory Design and Test Procedures for Quantitative Evaluation of Infrared Sensors to Assess Thermal Anomalies.
PB85-224459 **22**-*550,571* PC **A05**/MF **A01**

NBSIR-85/3142
Laboratory Tests of a Gas Fueled Modulating Type Hot Water Boiler.
PB85-198927 **15**-*534,169* PC **A04**/MF **A01**

NBSIR-85/3143
Influence of Block and Mortar Strength on Shear Resistance of Concrete Block Masonry Walls.
PB85-200087 **15**-*534,327* PC **A04**/MF **A01**

NBSIR-85/3146
Assessment of Needs for New Thermal Reference Materials.
PB85-224467 **19**-*543,580* PC **A05**/MF **A01**

NBSIR-85/3161
Workshops Convened by the Interagency Committee on Seismic Safety in Construction during 1984.
PB85-227486 **20**-*545,947* PC **A03**/MF **A01**

NBSIR-85/3168
Performance Requirements and Preliminary Design of a Boundary Layer Wind Tunnel Facility.
PB85-224418 **19**-*543,709* PC **A04**/MF **A01**

NBSIR-85/3207
User's Manual for Division 746's Image Processing System.
PB85-242394 **25**-*558,220* PC **A03**/MF **A01**

CEL-1: Conservation of Electric Lighting.
(NBS/DF-85/008)
PB85-167336 **13**-*529,613* CP **T05**

Integration of Construction in the Building Process.
PB85-189322 **15**-*533,039* Not available NTIS

Common Format for the Model Building Codes: An Application of Advanced Techniques for Standards Analysis, Synthesis and Expression.
PB85-196558 **15**-*534,322*
(Order as PB85-196541, PC **A07**/MF **A01**)

Computers in Building: A Strategy for Building Research.
PB85-201770 **17**-*538,670* Not available NTIS

Computers in Buildings, Building and Building Research.
PB85-202729 **17**-*538,671* Not available NTIS

Data-Base Requirements at the Engineering Stage.
PB85-227676 **22**-*550,812* Not available NTIS

NATIONAL BUREAU OF STANDARDS (NEL), GAITHERSBURG, MD. CENTER FOR CHEMICAL ENGINEERING.

DOE/CS/40521-T1
Evaluation of Industrial Combustion Control Systems. Final Report.
DE85016803 **26**-*561,937* PC **A12**/MF **A01**

NATIONAL BUREAU OF STANDARDS (NEL), GAITHERSBURG, MD. CENTER FOR ELECTRONICS AND ELECTRICAL ENGINEERING.

NBS/SP-260/93
Preparation and Certification of SRM's (Standard Reference Materials) for Calibration of Spreading Resistance Probes.
PB85-177921 **12**-*527,500* PC **A03**/MF **A01**

NBSIR-84/2877/2
Center for Electronics and Electrical Engineering Technical Progress Bulletin Covering Center Programs, April-June 1984 with 1984 CEEE (Center for Electronics and Electrical Engineering) Events Calendar.
PB85-187540 **14**-*531,704* PC **A03**/MF **A01**

NBSIR-84/2877-3
Center for Electronics and Electrical Engineering Technical Progress Bulletin Covering Center Programs, July - September 1984 with 1985 CEEE Events Calendar.
PB85-191393 **16**-*536,032* PC **A02**/MF **A01**

Materials Measurements: Present Abilities and Future Needs.
PB85-202760 **18**-*540,665* Not available NTIS

NATIONAL BUREAU OF STANDARDS (NEL), GAITHERSBURG, MD. CENTER FOR FIRE RESEARCH.

NBS/TN-1205
Clearances and Methods of Protection for Wall and Ceiling Surfaces Exposed to Radiant Heating Appliances.
PB85-156560 **09**-*519,770* PC **A06**/MF **A01**

NBSIR-84/2812-1
Jet Diffusion Flame Suppression Using Water Sprays, Final Report.
PB85-240901 **23**-*553,616* PC **A04**/MF **A01**

NBSIR-84/2896
Fire Safety Evaluation System for National Park Service Overnight Accommodations.
PB85-105518 **01**-*501,927* PC **A05**/MF **A01**

NBSIR-84/2897
Jefferson National Memorial Historical Site Analysis of Impact of Fire Safety Features.
PB85-179729 **12**-*527,459* PC **A03**/MF **A01**

NBSIR-84/2912
Thermal Response of Aircraft Cabin Ceiling Materials during a Post-Crash, External Fuel-Spill, Fire Scenario.
PB85-145647 **06**-*512,664* PC **A04**/MF **A01**

NBSIR-84/2917
Environmental Cycling of Cellulosic Thermal Insulation and Its Influence on Fire Performance.
PB85-108470 **02**-*505,126* PC **A03**/MF **A01**

NBSIR-84/2934
Model for the Transport of Fire, Smoke and Toxic Gases (FAST).
PB85-109130 **02**-*504,434* PC **A04**/MF **A01**

NBSIR-84/2934
FAST: A Model for the Transport of Fire, Smoke and Toxic Gases.
(NBS/DF-85/004)
PB85-150555 **10**-*522,428* CP **T05**

NBSIR-84/2948
Field Tests of the Smoke Control System at the San Diego VA (Veterans Administration) Hospital.
PB85-137727 **05**-*512,024* PC **A02**/MF **A01**

NBSIR-84/2960
Heat Release and Mass Loss Rate Measurements for Selected Materials.
PB85-159945 **08**-*518,199* PC **A04**/MF **A01**

NBSIR-84/2969
Evaluation of Thimble-Chimney Connector (Wall Pass-Through) Systems for Solid Fuel Burning Appliances.
PB85-158160 **09**-*519,771* PC **A04**/MF **A01**

NBSIR-84/2975
Technical Issues Concerned with PCDD (Polychlorodibenzo-p-dioxins) and PCDF (Polychlorodibenzofuran) Formation and Destruction in MSW (Municipal Solid Waste) Fired Incinerators.
PB85-131555 **04**-*509,712* PC **A03**/MF **A01**

NBSIR-85/2998
Effect of Wall and Room Surfaces on the Rates of Heat, Smoke, and Carbon Monoxide Production in a Park Lodging Bedroom Fire.
PB85-177988 **12**-*528,118* PC **A04**/MF **A01**

NBSIR-85/3109
Significant Parameters for Predicting Flame Spread.
PB85-178002 **11**-*525,677* PC **A02**/MF **A01**

NBSIR-85/3118
Proceedings of the Joint Panel Meeting of the UJNR Panel on Fire Research and Safety (7th) Held at Gaithersburg, Maryland on October 24-28, 1983.
PB85-199545 **16**-*536,362* PC **A99**/MF **A01**

NBSIR-85/3122
Self-Heating to Ignition Measurements and Computation of Critical Size for Solar Energy Collector Materials.
PB85-183374 **14**-*531,771* PC **A03**/MF **A01**

NBSIR-85/3127
Products of Wood Gasification.
PB85-226520 **20**-*547,034* PC **A06**/MF **A01**

NBSIR-85/3130
Model Describing the Steady-State Pyrolysis of Bubble-Forming Polymers in Response to an Incident Heat Flux.
PB85-225225 **19**-*542,959* PC **A03**/MF **A01**

NBSIR-85/3134
Buoyant Plume-Driven Adiabatic Ceiling Temperature Revisited.
PB85-200103 **15**-*534,304* PC **A03**/MF **A01**

NBSIR-85/3136
Summaries of Center for Fire Research (of the National Bureau of Standards) Grants and In-House Programs - 1984.

PB85-200202 **17**-*539,527* PC **A08**/MF **A01**

NBSIR-85/3139
Polyesters: A Review of the Literature on Products of Combustion and Toxicity.
PB85-246080 **23**-*554,337* PC **A04**/MF **A01**

NBSIR-85/3144
ASET-B, a Room Fire Program for Personal Computers.
PB85-196935 **15**-*534,303* PC **A03**/MF **A01**

NBSIR-85/3148
Evaluation and Refinement of Test Methods Used for Measuring Fire Hazards of Shipboard Hull Insulations and Mattress Insert Foams.
PB85-224483 **19**-*544,342* PC **A04**/MF **A01**

NBSIR-85/3153
Fire Research Publications, 1984.
PB85-208502 **17**-*539,528* PC **A02**/MF **A01**

NBSIR-85/3196
Slide-Rule Estimates of Fire Growth.
PB85-224400 **19**-*544,464* PC **A04**/MF **A01**

Emerging Engineering Methods Applied to Regulatory Fire Safety Needs.
PB85-196608 **15**-*534,325*
(Order as PB85-196541, PC **A07**/MF **A01**)

Combustion Conditions and Exposure Conditions for Combustion Product Toxicity Testing.
PB85-208060 **20**-*544,904* Not available NTIS

Bench-Scale Methods for Prediction of Full-Scale Fire Behavior of Furnishings and Wall Linings.
PB85-208130 **21**-*549,187* Not available NTIS

NATIONAL BUREAU OF STANDARDS (NEL), GAITHERSBURG, MD. CENTER FOR MFG. ENGINEERING.

NBS/TN-1202
Transient Analysis of Electromagnetic Reflection from Dispersive Materials.
PB85-200186 **16**-*536,783* PC **A04**/MF **A01**

NBS/TN-1211
Interlaboratory Comparison of Force Calibrations Using ASTM (American Society for Testing and Materials) Method E74-74.
PB85-191401 **16**-*536,406* PC **A02**/MF **A01**

NATIONAL BUREAU OF STANDARDS (NEL), GAITHERSBURG, MD. ELECTROSYSTEMS DIV.

NBSIR-84/2896
Development of Power System Measurements - Quarterly Report January 1, 1984 to March 31, 1984.
PB85-182582 **14**-*531,657* PC **A03**/MF **A01**

NBSIR-84/2973
Automatic AC/DC Thermal Voltage Converter and AC Voltage Calibration System.
PB85-182574 **14**-*532,288* PC **A03**/MF **A01**

NBSIR-84/2987
Outline of CCVT (Coupling Capacitor Voltage Transformer) Calibration Procedure, EPRI-NBS (Electric Power Research Institute/National Bureau of Standards) Prototype System - Supplement to EPRI Report EL-690 (Field Calibration System for CCVTs, April 1978).
PB85-182566 **14**-*531,656* PC **A02**/MF **A01**

NBSIR-85/3111
Development of Power System Measurements - Quarterly Report July 1, 1984 to September 30, 1984.
PB85-184893 **15**-*533,954* PC **A03**/MF **A01**

NBSIR-85/3112
Development of Power System Measurements - Quarterly Report April 1, 1984 to June 30, 1984.
PB85-182590 **17**-*537,908* PC **A03**/MF **A01**

Discussion of Paper: Analysis of Calibration Arrangements for AC Field Strength Meters.
PB85-183275 **15**-*534,402* Not available NTIS

Operation of Ion Counters Near High Voltage DC Transmission Lines.
PB85-205169 **20**-*545,193* Not available NTIS

Observation of Prebreakdown and Breakdown Phenomena in Liquid Hydrocarbons Under Nonuniform Field Conditions.
PB85-205268 **19**-*542,823* Not available NTIS

Measurement of Net Space Charge Density Using Air Filtration Methods.
PB85-207421 **20**-*545,995* Not available NTIS

EPRI-NBS (Electric Power Research Institute-National Bureau of Standards) Coupling Capacitor Voltage Transformer Calibration Systems.
PB85-229839 **23**-*552,766* Not available NTIS

NBS (National Bureau of Standards) Experience, Field Calibration of Coupling Capacitor Voltage Transformers.
PB85-229870 **23**-*552,767* Not available NTIS

NATIONAL BUREAU OF STANDARDS (NEL), GAITHERSBURG, MD. FACTORY AUTOMATION SYSTEMS DIV.

NBSIR-85/3156
Hierarchical Control System Emulation User's Manual.
(NBS/SW/MT-85/003A)
PB85-233849 **24**-*556,061* PC **A07**/MF **A01**

NBSIR-85/3157
Hierarchical Control System Emulation Programmer's Manual.
(NBS/SW/MT-85/003B)
PB85-233831 **24**-*556,060* PC **A03**/MF **A01**

Hierarchical Control System Emulator Version 3.1.
(NBS/SW/MT-85/003)
PB85-233823 **24**-*556,059* CP **T03**

NATIONAL BUREAU OF STANDARDS (NEL), GAITHERSBURG, MD. FIRE MEASUREMENT AND RESEARCH DIV.

Calculations of the Heat Release Rate by Oxygen Consumption for Various Applications, September-October 1984.
PB85-208023 **20**-*545,920* Not available NTIS

Thermal and Oxidative Degradation of Poly(methyl methacrylate): Molecular Weight.
PB85-222388 **21**-*548,191* Not available NTIS

NATIONAL BUREAU OF STANDARDS (NEL), GAITHERSBURG, MD. FIRE SAFETY TECHNOLOGY DIV.

Calculations of Three Dimensional Buoyant Plumes in Enclosures.
PB85-202745 **18**-*541,919* Not available NTIS

Emerging Engineering Methods Applied to Fire Safety Design.
PB85-202786 **18**-*541,298* Not available NTIS

Analysis of the Forced Ventilation in Containership Holds.
PB85-203537 **20**-*545,706* Not available NTIS

Wall Flames and Implications for Upward Flame Spread.
PB85-205177 **20**-*547,030* Not available NTIS

Finite Difference Solutions for Internal Waves in Enclosures.
PB85-205235 **20**-*547,031* Not available NTIS

Perspective on Compartment Fire Growth.
PB85-205276 **20**-*547,032* Not available NTIS

Thermal Response of Aircraft Cabin Ceiling Materials during a Post-Crash, External Fuel-Spill, Fire Scenario.
PB85-207062 **20**-*544,495* Not available NTIS

Design as a Function of Responses to Fire Cues.
PB85-208015 **20**-*545,919* Not available NTIS

Approach to Hazard Assessment of Combustion Products in Building Fires.
PB85-208049 **20**-*547,033* Not available NTIS

NATIONAL BUREAU OF STANDARDS (NEL), GAITHERSBURG, MD. FLUID ENGINEERING DIV.

Recommended Practice for the Use of Electromagnetic Flowmeters in Wastewater Treatment Plants.
(EPA/600/2-84/187)
PB85-122737 **04**-*509,691* PC **A03**/MF **A01**

Recommended Practice for the Use of Parshall Flumes and Palmer-Bowlus Flumes in Wastewater Treatment Plants.
(EPA/600/2-84/186)
PB85-122745 **04**-*509,692* PC **A04**/MF **A01**

NATIONAL BUREAU OF STANDARDS (NEL), GAITHERSBURG, MD. LAW ENFORCEMENT STANDARDS LAB.

NBSIR-84/2991
Guide to Computer-Aided Dispatch Systems.
PB85-187565 **15**-*533,077* PC **A03**/MF **A01**

Telephone Dialers with Taped Voice Messages.
PB85-189363 **16**-*536,518* Not available NTIS

Telephone Dialers with Digitally Coded Messages.
PB85-189371 **16**-*536,519* Not available NTIS

Ballistic Resistance of Police Body Armor.
PB85-207306 **20**-*544,865* Not available NTIS

Riot Helmets and Face Shields.
PB85-207314 **20**-*544,866* Not available NTIS

NATIONAL BUREAU OF STANDARDS (NEL), GAITHERSBURG, MD. MATHEMATICAL ANALYSIS DIV.

Morphological Stability in the Presence of Fluid Flow in the Melt.
PB85-183283 **15**-*534,043* Not available NTIS

Dynamics of Orbiting Dust under Radiation Pressure.
PB85-189413 **15**-*532,979* Not available NTIS

Monsignor Georges Lemaitre.
PB85-208098 **20**-*544,578* Not available NTIS

Inverse Gaussian Pulse in the Experimental Determination of Linear System Green's Functions.
PB85-208148 **20**-*545,586* Not available NTIS

NATIONAL BUREAU OF STANDARDS (NEL), GAITHERSBURG, MD. MECHANICAL PRODUCTION METROLOGY DIV.

Alternative Interaction Between Spinor and Yang-Mills Fields.
PB85-183259 **15**-*535,076* Not available NTIS

Simple and Effective Acoustic Emission Source Location System.
PB85-186971 **15**-*534,413* Not available NTIS

Optical Techniques for On-Line Measurement of Surface Topography.
PB85-189389 **15**-*534,420* Not available NTIS

Development of High Fidelity Acoustic Emission Transducers.
PB85-205227 **20**-*545,992* Not available NTIS

Deconvolution by Design - An Approach to the Inverse Problem of Ultrasonic Testing.
PB85-229896 **23**-*553,689* Not available NTIS

NATIONAL BUREAU OF STANDARDS (NEL), GAITHERSBURG, MD. OFFICE OF FIRE RESEARCH RESOURCES.

Workshop on Flame Radiation and Soot. Proceedings Ad Hoc Mathematical Fire Modeling Working Group.
PB85-202778 **18**-*541,920* Not available NTIS

NATIONAL BUREAU OF STANDARDS (NEL), GAITHERSBURG, MD. OPERATIONS RESEARCH DIV.

Life-Cycle Costing with the Microcomputer.
PB85-227635 **22**-*550,334* Not available NTIS

Economics of Fast-Response Residential Sprinkler Systems.
PB85-229946 **23**-*553,612* Not available NTIS

NATIONAL BUREAU OF STANDARDS (NEL), GAITHERSBURG, MD. SCIENTIFIC COMPUTING DIV.

Solving Elliptic Problems Using ELLPACK.
PB85-189496 **15**-*534,111* Not available NTIS

Survey of Mathematical Software for Elliptic Boundary Value Problems.
PB85-202158 **18**-*540,640* Not available NTIS

NATIONAL BUREAU OF STANDARDS (NEL), GAITHERSBURG, MD. SEMICONDUCTOR DEVICES AND CIRCUITS DIV.

Comparison of Theoretical and Empirical Lifetimes for Minority Carriers in Heavily Doped Silicon.
PB85-186997 **15**-*535,123* Not available NTIS

Improved Test Structure and Kelvin-Measurement Method for the Determination of Integrated Circuit Front Contact Resistance.
PB85-229961 **23**-*552,685* Not available NTIS

Heavy Doping Effects on Bandgaps, Effective Intrinsic Carrier Concentrations and Carrier Mobilities and Lifetimes.
PB85-230746 **23**-*554,319* Not available NTIS

NATIONAL BUREAU OF STANDARDS (NEL), GAITHERSBURG, MD. SEMICONDUCTOR MATERIALS AND PROCESSES DIV.

NBSIR-84/2894
TERRY-2: A Test Chip for Characterization of the Performance of Buried-Channel Charge-Coupled Device (CCD) Imagers.
PB85-137701 **05**-*511,468* PC **A07**/MF **A01**

High-Frequency Transient-Resistance Spectroscopy of Deep Levels in SI GaAs.
PB85-189397 **18**-*541,896* Not available NTIS

Ellipsometry System for High Accuracy Metrology of Thin Films.
PB85-189405 **18**-*541,342* Not available NTIS

Effects of Instrumental Artifacts on the Quantitative Determination of Oxygen in Silicon by FTIR (Fourier Transform Infrared).
PB85-203545 **19**-*543,698* Not available NTIS

Band Structure and Density of States Changes for Doped Gallium Arsenide.
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NOAA-TR-NOS-109
Geodetically Derived Strain from San Francisco Bay to the Mendocino Triple Junction, California.
PB85-198802 **18**-*540,474* PC **A02**/MF **A01**

NOAA-TR-NOS-110
Orthometric Height Determination Using GPS (Global Positioning System) Observations and the Integrated Geodesy Adjustment Model.
PB85-198919 **17**-*537,780* PC **A02**/MF **A01**

NOAA-TR-NOS-111-NGS-33
Variance Component Estimation Method for Sparse Matrix Applications.
PB85-234383 **23**-*553,242* PC **A02**/MF **A01**

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SGD-479
Solar-Geophysical Data Number 479, July 1984. Part 1 (Prompt Reports). Data for June 1984, May 1984 and Late Data.
PB85-115772 **03**-*505,385* PC **A07**/MF **A01**

SGD-479
Solar-Geophysical Data Number 479, August 1981. Part 2 (Comprehensive Reports). Data for January 1984 and August 1981 and Miscellanea.
PB85-115780 **03**-*505,386* PC **A05**/MF **A01**

SGD-481-PT-1
Solar-Geophysical Data Number 481, September 1984. Part 1 (Prompt Reports). Data for August 1984, July 1984 and Late Data.
(NOAA-84120701)
PB85-139145 **06**-*512,749* PC **A06**/MF **A01**

SGD-481-PT-2
Solar-Geophysical Data Number 481, September 1984. Part 2 (Comprehensive Reports). Data for March 1984, October 1981 and Miscellanea.
(NOAA-84120702)
PB85-139152 **06**-*512,750* PC **A05**/MF **A01**

SGD-483-PT-1
Solar-Geophysical Data Number 483, November 1984. Part 1 (Prompt Reports). Data for October 1984, September 1984 and Late Data.
PB85-147692 **07**-*514,402* PC **A05**/MF **A01**

SGD-483-PT-2
Solar-Geophysical Data Number 483, November 1984. Part 2 (Comprehensive Reports). Data for May 1984, December 1981 and Miscellanea.
PB85-147700 **07**-*514,403* PC **A06**/MF **A01**

SGD-484-PT-1
Solar-Geophysical Data Number 484, December 1984. Part 1 (Prompt Reports). Data for November 1984, October 1984 and Late Data.
PB85-166593 **11**-*523,349* PC **A05**/MF **A01**

SGD-484-PT-2
Solar-Geophysical Data Number 484, December 1984. Part 2 (Comprehensive Reports). Data for June 1984, January 1982 and Miscellanea.
PB85-166601 **11**-*523,350* PC **A04**/MF **A01**

SGD-485-PT-1
Solar-Geophysical Data Number 485, January 1985. Part 1. (Prompt Reports). Data for December 1984, November 1984 and Late Data.
PB85-181360 **14**-*530,892* PC **A06**/MF **A01**

SGD-485-PT-2
Solar-Geophysical Data Number 485, January 1985. Part 2 (Comprehensive Reports). Data for July 1984, February 1982 and Miscellanea.
PB85-206225 **18**-*539,758* PC **A05**/MF **A01**

SGD-486-PT-1
Solar-Geophysical Data Number 486, February 1985. Part 1 (Prompt Reports). Data for January 1985, December 1984 and Late Data.
PB85-196715 **17**-*537,133* PC **A06**/MF **A01**

SGD-486-PT-2
Solar-Geophysical Data Number 486, February 1985. Part 2 (Comprehensive Reports). Data for August 1984, Marcj-June 1982 and Miscellanea.
PB85-196723 **17**-*537,134* PC **A08**/MF **A01**

SGD-487-PT-1
Solar-Geophysical Data Number 487, March 1985. Part 1 (Prompt Reports). Data for February 1985, January 1985 and Late Data.
PB85-201440 **17**-*537,135* PC **A06**/MF **A01**

SGD-487-PT-2
Solar-Geophysical Data Number 487, March 1985. Part 2 (Comprehensive Reports). Data for September 1984, July-November 1982.
PB85-201457 **17**-*537,136* PC **A09**/MF **A01**

SGD-488-PT-1
Solar-Geophysical Data Number 488, April 1985. Part 1 (Prompt Reports). Data for March 1985, February 1985 and Late Data.
PB85-226579 **22**-*549,398* PC **A05**/MF **A01**

SGD-488-PT-2
Solar-Geophysical Data Number 488, April 1985. Part 2 (Comprehensive Reports). Data for October 1984, December 1982 and Miscellanea.
PB85-226587 **22**-*549,399* PC **A05**/MF **A01**

SGD-489-PT-1
Solar-Geophysical Data Number 489, May 1985. Part 1 (Prompt Reports). Data for April 1985, March 1985 and Late Data.
PB85-226595 **22**-*549,400* PC **A06**/MF **A01**

SGD-489-PT-2
Solar-Geophysical Data Number 489, May 1985. Part 2 (Comprehensive Reports). Data for November 1984, January 1983, February 1983 and Miscellanea.
PB85-226603 **22**-*549,401* PC **A04**/MF **A01**

SGD-489-SUPPL
Solar-Geophysical Data Number 489, May 1985. Supplement.
PB85-226611 **22**-*549,402* PC **A05**/MF **A01**

Solar-Geophysical Data Number 480, August 1984. Part 1 (Prompt Reports). Data from July 1984, June 1984 and Late Data.
PB85-112068 **02**-*502,887* PC **A06**/MF **A01**

Solar-Geophysical Data Number 480, August 1984. Part 2 (Comprehensive Reports). Data for February 1984, September 1981 and Miscellanea.
PB85-112076 **02**-*502,888* PC **A05**/MF **A01**

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PB85-248458 **26**-*560,125* PC **A04**/MF **A01**

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DOE/PE/70431-T2
Sorting out Utility Regulation: An Examination of Opportunities for Interstate Cooperation. Final Report.
DE85007102 **12**-*526,995* PC **A02**/MF **A01**

Support of the State Science, Engineering and Technology (SSET) Program in the State Executive Branch.
(NSF/ISP-84004)
PB85-223113 **22**-*549,478* PC **A02**/MF **A01**

State Science, Engineering and Technology (SSET): Impacts in Executive Branch Implementation.
(NSF/ISP-84006)
PB85-223303 **22**-*549,479* PC **A04**/MF **A01**

Governor's Energy Project. Final Project Report, March 1984.
(NSF/ISP-84003)
PB85-223311 **22**-*549,480* PC **A03**/MF **A01**

Governors' Decision-Making Processes: Research Needs and Decision-Making Tools.
(NSF/RA-790791)
PB85-241594 **24**-*554,735* PC **A08**/MF **A01**

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Business Health Care Coalitions and the Health Planning Program.
HRP-0906293/6 **13**-*528,723* PC **A03**/MF **A01**

Population Pyramids as a Demographic Tool in Health Planning.
HRP-0906299/3 **12**-*526,293* PC **A03**/MF **A01**

Uncompensated Care in a Competitive Environment: Whose Problem Is It.
HRP-0906304/1 **13**-*528,725* PC **E04**/MF **A01**

Controlled and Descriptive Socio-Demographic Analysis of Health Care Delivery to a Rural Southern Population Cohort.
HRP-0906365/2 **17**-*537,468* PC **A02**/MF **A01**

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NIH/PUB-84-2356
Report of the Director, National Heart, Lung, and Blood Institute (10th), Ten-Year Review and Five-Year Plan. Volume 1. Progress and Promise.
PB85-175040 **11**-*523,756* PC **A09**/MF **A01**

NIH/PUB-84-2357
Report of the Director, National Heart, Lung, and Blood Institute (10th), Ten-Year Review and Five-Year Plan. Volume 2. Heart and Vascular Diseases.
PB85-175057 **11**-*523,757* PC **A15**/MF **A01**

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PB85-167153 **08**-*516,310* PC **A12**/MF **A01**

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DOT-HS-806 748
Side Protection in 2-Door and 4-Door Production Vehicles.
PB85-215770 **20**-*545,877* PC **A04**/MF **A01**

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DOT-HS-806 500
Evaluation of NHTSA (National Highway Traffic Safety Administration) Modified Volkswagen Rabbits. MDB-to-Car Side Impact Test of a 19 deg Crabbed Moving Deformable Barrier to a 1976 Volkswagen Rabbit at 34.3 MPH.
PB85-175511 **14**-*532,227* PC **A09**

DOT-HS-806 503
Evaluation of NHTSA (National Highway Traffic Safety Administration) Modified Volkswagen Rabbits. MDB-to-Car Side Impact Test of a 26 deg Crabbed Moving Deformable Barrier to a 1982 Volkswagen Rabbit at 29.1 MPH.
PB85-172617 **13**-*529,781* PC **A09**/MF **A01**

DOT-HS-806 504
Evaluation of NHTSA (National Highway Traffic Safety Administration) Modified Volkswagen Rabbits. MDB-to-Car Side Impact Test of a 19 deg Crabbed Moving Deformable Barrier to a 1976 Volkswagen Rabbit at 34.4 MPH.
PB85-172674 **13**-*529,782* PC **A09**/MF **A01**

DOT-HS-806 506
Evaluation of NHTSA (National Highway Traffic Safety Administration) Modified Volkswagen Rabbits MDB-to-Car (Moving Deformable Barrier-to-Car) Impact Test of a 19

deg Crabbed Moving Deformable Barrier to a 1981 Volkswagen Rabbit at 34.4 MPH.
PB85-170355 **11**-*524,771* PC **A09**/MF **A01**

DOT-HS-806 507
Evaluation of National Highway Traffic Safety Administration (NHTSA) Modified Volkswagen Rabbits: MDB (Moving Deformable Barrier)-to-Car Side Impact Test of a 26 deg Crabbed Moving Deformable Barrier to a 1982 Volkswagen Rabbit at 39.1 mph.
PB85-155836 **10**-*522,434* PC **A08**/MF **A01**

DOT-HS-806 580
Airbag Demonstration Program. Volume 1.
PB85-166585 **11**-*524,770* PC **A18**/MF **A01**

DOT-HS-806 581
Airbag Demonstration Program. Volume 2.
PB85-164309 **11**-*524,766* PC **A18**/MF **A01**

DOT-HS-806-629
Child Seat Retention Tests.
PB85-139616 **06**-*513,881* PC **A02**/MF **A01**

DOT-HS-806 630
Side Protection in 2-Door and 4-Door Production Vehicles MDB-to-Car Side Impact Test of a 26 deg Crabbed Moving Deformable Barrier to a 1981 Chevrolet Citation at 33.5 mph.
PB85-155224 **10**-*522,432* PC **A09**/MF **A01**

DOT-HS-806 647
Airbag Demonstration Program.
PB85-156412 **10**-*522,440* PC **A05**/MF **A01**

DOT-HS-806 666
Airbag Demonstration Program, Phase 3.
PB85-174795 **14**-*532,226* PC **A05**/MF **A01**

DOT-HS-806 668
Bumper Tests of a 1979 Ford LTD Retrofitted with Romeo-Kojyo and Breed All Mechanical Air Bag Sensor Systems.
PB85-174290 **14**-*532,224* PC **A05**/MF **A01**

DOT-HS-806 686
Airbag Sensor Demonstration Test 1978 Dodge Diplomat into a Fixed Barrier at 9.0 and 29.6 MPH.
PB85-162493 **11**-*524,764* PC **A03**/MF **A01**

DOT-HS-806 708
Side Interior Stiffness Measurement.
PB85-189884 **16**-*536,325* PC **A12**/MF **A01**

DOT-HS-806 722
State-of-the-Art Dummy Selection. Volume 1.
PB85-210904 **19**-*543,641* PC **A10**/MF **A01**

DOT-HS-806 723
State-of-the-Art Dummy Selection. Volume 2.
PB85-210912 **19**-*543,642* PC **A18**/MF **A01**

DOT-HS-806 725
Frontal Crash Responses Car-to-Car Impact Test of 2 1983 Renault Fuegos with a Closing Velocity of 60.1 mph.
PB85-216679 **20**-*545,927* PC **A12**/MF **A01**

DOT-HS-806 726
Frontal Occupant Sled Simulation Correlation, Vehicle to Fixed Load Cell Barrier, 1980 Ford Mustang into a Fixed Load Cell Barrier at 29.9 mph.
PB85-215622 **20**-*545,924* PC **A09**/MF **A01**

DOT-HS-806 727
Frontal Occupant Sled Simulation Correlation 1980 Ford Mustang Sled Buck.
PB85-212850 **20**-*545,922* PC **A19**/MF **A01**

DOT-HS-806 728
Frontal Occupant Sled Simulation Correlation 1983 Chevrolet Celebrity Sled Buck.
PB85-213015 **20**-*545,923* PC **A14**/MF **A01**

DOT-HS-806 729
Frontal Crash Responses Car-to-FRB (Front/Rear Bumper) Impact Test of a 1983 Chevrolet Celebrity to a Fixed Load Measuring Barrier at 29.7 mph.
PB85-223790 **22**-*550,732* PC **A09**/MF **A01**

DOT-HS-806 730
Frontal Crash Responses Car-to-FRB (Fixed Rigid Barrier) Impact Test of a 1983 Chevrolet Celebrity to a Fixed Load Measuring Barrier at 30.0 mph.
PB85-216307 **20**-*545,925* PC **A07**/MF **A01**

DOT-HS-806 734
Frontal Crash Responses Car-to-FRB (Fixed Rigid Barrier) Impact Test of a 1984 Pontiac Fiero to a Fixed Load Measuring Barrier at 29.7 mph.
PB85-218550 **20**-*545,931* PC **A09**/MF **A01**

DOT-HS-806 735
Frontal Crash Responses Car-to-FRB (Fixed Rigid Barrier) Impact Test of a 1984 Pontiac Fiero to a Fixed Load Measuring Barrier at 29.8 mph.
PB85-216356 **20**-*545,926* PC **A11**/MF **A01**

DOT-HS-806 736
Frontal Crash Responses Car-to-Car Impact Test of 2 1984 Honda Accords with a Closing Velocity of 60.2 mph.
PB85-218477 **20**-*545,930* PC **A12**/MF **A01**

DOT-HS-806 737
Frontal Crash Responses Car-to-Car Impact Test of 2 1983 Dodge Omnis with a Closing Velocity of 60.0 MPH.
PB85-233641 **23**-*553,538* PC **A12**/MF **A01**

DOT-HS-806 740
NHTSA (National Highway Traffic Safety Administration) Heavy Duty Vehicle Brake Research Program -- Report 2: The Effect of Adjustment on Air Brake Performance.
PB85-206175 **18**-*541,236* PC **A05**/MF **A01**

DOT-HS-806 749
Crashworthiness, Aggressiveness and Crash Test Procedures.
PB85-212280 **19**-*543,643* PC **A08**/MF **A01**

DOT-HS-806 751
Harmonization of Braking Regulations. Report Number 2: Evaluation of the Second Proposed Test Procedure for Passenger Cars.
PB85-232569 **23**-*553,535* PC **A08**/MF **A01**

DOT-HS-806 752
Harmonization of Braking Regulations. Report Number 3: Evaluation of the Third Proposed Test Procedure for Passenger Cars.
PB85-238715 **24**-*556,048* PC **A13**/MF **A01**

DOT-HS-806 757
NHTSA (National Highway Traffic Safety Administration) Heavy Duty Vehicle Brake Research Program -- Report Number 3: Evaluation of Parking and Emergency Pneumatic Systems on Air Braked Trailers.
PB85-227734 **22**-*550,743* PC **A07**/MF **A01**

DOT-HS-806 778
Frontal Crash Responses Car-to-Car Impact Test of a 1984 Chevrolet Celebrity into a 1984 Dodge Omni with a Closing Velocity of 37.7 MPH.
PB85-235281 **23**-*553,542* PC **A13**/MF **A01**

DOT-HS-806 781
Repeatability Program Dummy Variability Analysis. Volume 1.
PB85-236339 **24**-*556,043* PC **A07**/MF **A01**

DOT-HS-806 782
Repeatability Program Dummy Variability Analysis. Volume 2.
PB85-236347 **24**-*556,044* PC **A08**/MF **A01**

DOT-HS-806 784
Side Protection in 2-Door and 4-Door Production Vehicles MDB-to-Car Side Impact Test of a 26 deg Crabbed Moving Deformable Barrier to a 1981 Plymouth Horizon at 33.5 mph.
PB85-247641 **26**-*561,230* PC **A09**/MF **A01**

DOT-HS-806 785
Side Protection in 2-Door and 4-Door Production Vehicles MDB-to-Car Side Impact Test of a 26 deg Crabbed Moving Deformable Barrier to a 1981 Dodge Omni at 33.5 mph.
PB85-247633 **26**-*561,229* PC **A09**/MF **A01**

DOT-HS-806 786
Side Protection in 2-Door and 4-Door Production Vehicles MDB-to-Car Side Impact Test of a 26 deg Crabbed Moving Deformable Barrier to a 1981 Ford Granada at 33.5 mph.
PB85-247658 **26**-*561,231* PC **A08**/MF **A01**

DOT-HS-806 787
Side Protection in 2-Door and 4-Door Production Vehicles MDB-to-Car Side Impact Test of a 26 deg Crabbed Moving Deformable Barrier to a 1981 Ford Granada at 33.5 mph.
PB85-248862 **26**-*561,236* PC **A09**/MF **A01**

DOT-HS-806 789
Side Protection in 2-Door and 4-Door Production Vehicles MDB-to-Car Side Impact Test of a 19 deg Crabbed Moving Deformable Barrier to a 1981 Plymouth Horizon at 34.4 mph.
PB85-248748 **26**-*561,235* PC **A09**/MF **A01**

DOT-HS-806 790
Side Protection in 2-Door and 4-Door Production Vehicles MDB-to-Car Side Impact Test of a 19 deg Crabbed Moving Deformable Barrier to a 1981 Dodge Omni at 34.3 mph.
PB85-247666 **26**-*561,232* PC **A08**/MF **A01**

DOT-HS-806 792
Side Protection in 2-Door and 4-Door Production Vehicles MDB-to-Car Side Impact Test of a 26 deg Crabbed Moving Deformable Barrier to a 1982 Nissan Sentra at 33.5 mph.
PB85-248714 **26**-*561,234* PC **A09**/MF **A01**

DOT-HS-806 794
Side Protection in 2-Door and 4-Door Production Vehicles MDB-to-Car Side Impact Test of a 26 deg Crabbed Moving Deformable Barrier to a 1982 Honda Civic at 33.4 mph.
PB85-248706 **26**-*561,233* PC **A09**/MF **A01**

R-830930
Evaluation of National Highway Traffic Safety Administration (NHTSA) Modified Volkswagen Rabbits: MDB (Moving Deformable Barrier)-to-Car Side Impact Test of a 26 deg Crabbed Moving Deformable Barrier to a 1982 Volkswagen Rabbit at 39.1 mph.
PB85-155836 **10**-*522,434* PC **A08**/MF **A01**

R-831222
Side Protection in 2-Door and 4-Door Production Vehicles MDB-to-Car (Moving Deformable Barrier-to-Car) Side Impact Test of a 26 deg Crabbed Moving Deformable Barrier to a 1982 Chevrolet Citation at 33.5 MPH.
(DOT-HS-806-634)
PB85-161214 **11**-*524,705* PC **A08**/MF **A01**

R-840914
Airbag Sensor Demonstration Test 1978 Dodge Diplomat into a Fixed Barrier at 9.0 and 29.6 MPH.
PB85-162493 **11**-*524,764* PC **A03**/MF **A01**

RD-284-3
Child Seat Retention Tests.
PB85-139616 **06**-*513,881* PC **A02**/MF **A01**

RD-583-2
Airbag Demonstration Program.
PB85-156412 **10**-*522,440* PC **A05**/MF **A01**

RD-583-2
Airbag Demonstration Program. Volume 2.
PB85-164309 **11**-*524,766* PC **A18**/MF **A01**

RD-583-2
Airbag Demonstration Program. Volume 1.
PB85-166585 **11**-*524,770* PC **A18**/MF **A01**

RD-583-2
Airbag Demonstration Program, Phase 3.
PB85-174795 **14**-*532,226* PC **A05**/MF **A01**

REPT-804608
Bumper Tests of a 1979 Ford LTD Retrofitted with Romeo-Kojyo and Breed All Mechanical Air Bag Sensor Systems.
PB85-174290 **14**-*532,224* PC **A05**/MF **A01**

REPT-830830
Evaluation of NHTSA (National Highway Traffic Safety Administration) Modified Volkswagen Rabbits: MDB-to-Car Side Impact Test of a 19 deg Crabbed Moving Deformable Barrier to a 1976 Volkswagen Rabbit at 34.3 MPH.
PB85-175511 **14**-*532,227* PC **A09**

REPT-831006
Evaluation of NHTSA (National Highway Traffic Safety Administration) Modified Volkswagen Rabbits MDB-to-Car (Moving Deformable Barrier-to-Car) Impact Test of a 19 deg Crabbed Moving Deformable Barrier to a 1981 Volkswagen Rabbit at 34.4 MPH.
PB85-170355 **11**-*524,771* PC **A09**/MF **A01**

REPT-831019
Evaluation of NHTSA (National Highway Traffic Safety Administration) Modified Volkswagen Rabbits: MDB-to-Car Side Impact Test of a 19 deg Crabbed Moving Deformable Barrier to a 1976 Volkswagen Rabbit at 34.4 MPH.
PB85-172674 **13**-*529,782* PC **A09**/MF **A01**

REPT-840104
Side Protection in 2-Door and 4-Door Production Vehicles MDB-to-Car Side Impact Test of a 26 deg Crabbed Moving Deformable Barrier to a 1981 Plymouth Horizon at 33.5 mph.
PB85-247641 **26**-*561,230* PC **A09**/MF **A01**

REPT-840109
Side Protection in 2-Door and 4-Door Production Vehicles MDB-to-Car Side Impact Test of a 26 deg Crabbed Moving Deformable Barrier to a 1981 Dodge Omni at 33.5 mph.
PB85-247633 **26**-*561,229* PC **A09**/MF **A01**

REPT-840113
Side Protection in 2-Door and 4-Door Production Vehicles MDB-to-Car Side Impact Test of a 26 deg Crabbed Moving Deformable Barrier to a 1981 Ford Granada at 33.5 mph.
PB85-247658 **26**-*561,231* PC **A08**/MF **A01**

REPT-840118
Side Protection in 2-Door and 4-Door Production Vehicles MDB-to-Car Side Impact Test of a 26 deg Crabbed Moving Deformable Barrier to a 1981 Ford Granada at 33.5 mph.
PB85-248862 **26**-*561,236* PC **A09**/MF **A01**

REPT-840209
Side Protection in 2-Door and 4-Door Production Vehicles MDB-to-Car Side Impact Test of a 19 deg Crabbed Moving Deformable Barrier to a 1981 Plymouth Horizon at 34.4 mph.
PB85-248748 **26**-*561,235* PC **A09**/MF **A01**

REPT-840216
Side Protection in 2-Door and 4-Door Production Vehicles MDB-to-Car Side Impact Test of a 19 deg Crabbed Moving Deformable Barrier to a 1981 Dodge Omni at 34.3 mph.
PB85-247666 **26**-*561,232* PC **A08**/MF **A01**

REPT-840302
Side Protection in 2-Door and 4-Door Production Vehicles MDB-to-Car Side Impact Test of a 26 deg Crabbed Moving Deformable Barrier to a 1982 Nissan Sentra at 33.5 mph.
PB85-248714 **26**-*561,234* PC **A09**/MF **A01**

REPT-840316
Side Protection in 2-Door and 4-Door Production Vehicles MDB-to-Car Side Impact Test of a 26 deg Crabbed Moving Deformable Barrier to a 1982 Honda Civic at 33.4 mph.
PB85-248706 **26**-*561,233* PC **A09**/MF **A01**

REPT-840823
Frontal Occupant Sled Simulation Correlation, Vehicle to Fixed Load Cell Barrier, 1980 Ford Mustang into a Fixed Load Cell Barrier at 29.9 mph.
PB85-215622 **20**-*545,924* PC **A09**/MF **A01**

REPT-840926
Frontal Crash Responses Car-to-FRB (Fixed Rigid Barrier) Impact Test of a 1983 Chevrolet Celebrity to a Fixed Load Measuring Barrier at 30.0 mph.
PB85-216307 **20**-*545,925* PC **A07**/MF **A01**

REPT-841004
Frontal Crash Responses Car-to-FRB (Front/Rear Bumper) Impact Test of a 1983 Chevrolet Celebrity to a Fixed Load Measuring Barrier at 29.7 mph.

PB85-223790 **22**-*550,732* PC **A09**/MF **A01**

REPT-841011
Frontal Crash Responses Car-to-FRB (Fixed Rigid Barrier) Impact Test of a 1984 Pontiac Fiero to a Fixed Load Measuring Barrier at 29.7 mph.
PB85-218550 **20**-*545,931* PC **A09**/MF **A01**

REPT-841018
Frontal Crash Responses Car-to-FRB (Fixed Rigid Barrier) Impact Test of a 1984 Pontiac Fiero to a Fixed Load Measuring Barrier at 29.8 mph.
PB85-216356 **20**-*545,926* PC **A11**/MF **A01**

REPT-841030-841116
Frontal Occupant Sled Simulation Correlation 1980 Ford Mustang Sled Buck.
PB85-212850 **20**-*545,922* PC **A19**/MF **A01**

REPT-841114
Frontal Crash Responses Car-to-Car Impact Test of 2 1984 Honda Accords with a Closing Velocity of 60.2 mph.
PB85-218477 **20**-*545,930* PC **A12**/MF **A01**

REPT-841129
Frontal Crash Responses Car-to-Car Impact Test of 2 1983 Renault Fuegos with a Closing Velocity of 60.1 mph.
PB85-216679 **20**-*545,927* PC **A12**/MF **A01**

REPT-841218
Frontal Crash Responses Car-to-Car Impact Test of 2 1983 Dodge Omnis with a Closing Velocity of 60.0 MPH.
PB85-233641 **23**-*553,538* PC **A12**/MF **A01**

REPT-841219-850107
Frontal Occupant Sled Simulation Correlation 1983 Chevrolet Celebrity Sled Buck.
PB85-213015 **20**-*545,923* PC **A14**/MF **A01**

REPT-850228
Frontal Crash Responses Car-to-Car Impact Test of a 1984 Chevrolet Celebrity into a 1984 Dodge Omni with a Closing Velocity of 54.8 MPH.
(DOT-HS-806-777)
PB85-245413 **25**-*558,702* PC **A12**/MF **A01**

REPT-850315
Frontal Crash Responses Car-to-Car Impact Test of a 1984 Chevrolet Celebrity into a 1984 Dodge Omni with a Closing Velocity of 37.7 MPH.
PB85-235281 **23**-*553,542* PC **A13**/MF **A01**

REPT-850326
Frontal Crash Responses Car-to-Car Impact Test of a 1984 Chevrolet Celebrity into a 1984 Honda Accord with a Closing Velocity of 55.5 MPH.
(DOT-HS-806-773)
PB85-243558 **25**-*558,761* PC **A13**/MF **A01**

NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION, WASHINGTON, DC.

DOT-HS-802 501
International Technical Conference on Experimental Safety Vehicles (6th) Held at Washington, DC. on October 12-15, 1976.
PB85-140010 **06**-*513,846* PC **A99**/MF **E03**

DOT-HS-805 199
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PB85-178762 **14**-*531,350* PC **A04**/MF **A01**

HETA-78-135-1333
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PB85-100865 **01**-*500,743* PC **A03**/MF **A01**

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PB85-186757 **15**-*533,407* PC **A03**/MF **A01**

HETA-79-040-1381
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PB85-178564 **14**-*531,345* PC **A03**/MF **A01**

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HETA-80-009-1383
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PB85-177541 **14**-*531,335* PC **A02**/MF **A01**

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HETA-80-104-1344
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PB85-179190 **15**-*533,363* PC **A02**/MF **A01**

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PB85-208668 **19**-*542,706* PC **A03**/MF **A01**

HETA-80-256-1386
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PB85-179331 **14**-*531,365* PC **A02**/MF **A01**

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PB85-178481 **14**-*531,339* PC **A03**/MF **A01**

HETA-81-060-1367
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PB85-158053 **10**-*521,581* PC **A02**/MF **A01**

HETA-81-069-1390
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PB85-179307 **14**-*531,362* PC **A02**/MF **A01**

HETA-81-107-1331
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PB85-184208 **15**-*533,383* PC **A04**/MF **A01**

HETA-81-111-1471
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PB85-184257 **15**-*533,388* PC **A02**/MF **A01**

HETA-81-112-1372
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PB85-163467 **11**-*523,827* PC **A03**/MF **A01**

HETA-81-121-1421
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HETA-81-129-1455
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PB85-185189 **15**-*533,395* PC **A03**/MF **A01**

HETA-81-130-1348
Health Hazard Evaluation Report No. HETA 81-130-1348, Jones and Laughlin Steel Corporation, Pittsburgh, Pennsylvania.
PB85-163418 **11**-*523,822* PC **A02**/MF **A01**

HETA-81-157-1516
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PB85-208676 **19**-*542,707* PC **A02**/MF **A01**

HETA-81-187-1417
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PB85-179398 **14**-*531,371* PC **A02**/MF **A01**

HETA-81-227-1408
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PB85-179174 **14**-*531,357* PC **A03**/MF **A01**

HETA-81-263-1178
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PB85-179224 **15**-*533,366* PC **A02**/MF **A01**

HETA-81-274-1328
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PB85-102937 **01**-*500,764* PC **A02**/MF **A01**

HETA-81-278-1371
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PB85-163459 **11**-*523,826* PC **A03**/MF **A01**

HETA-81-301-1467
Health Hazard Evaluation Report HETA 81-301-1467, United Farm Workers of America, AFL-CIO, Salinas, California.
PB85-185338 **15**-*533,397* PC **A02**/MF **A01**

HETA-81-304-1361
Health Hazard Evaluation Report HETA 81-304-1361, Robertson Paper Box Company, Monteville, Connecticut.
PB85-159804 **11**-*523,818* PC **A02**/MF **A01**

HETA-81-314-1435
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PB85-184216 **15**-*533,384* PC **A03**/MF **A01**

HETA-81-357-1321
Health Hazard Evaluation Report No. HETA 81-357-1321, Elkem Metals Company, Alloy, West Virginia.
PB85-101285 **01**-*500,747* PC **A03**/MF **A01**

HETA-81-415-1385
Health Hazard Evaluation Report HETA 81-415-1385, High Voltage Maintenance Corporation, Mentor, Ohio.
PB85-177525 **14**-*531,333* PC **A02**/MF **A01**

HETA-81-416-1334
Health Hazard Evaluation Report HETA 81-416-1334, Trailways Bus System, Denver, Colorado.
PB85-102952 **01**-*500,766* PC **A02**/MF **A01**

HETA-81-422-1387
Health Hazard Evaluation Report No. HETA-81-422-1387, California Society for Histotechnology, Los Angeles, California.
PB85-179273 **14**-*531,359* PC **A04**/MF **A01**

HETA-81-433-1452
Health Hazard Evaluation Report HETA 81-433-1452, General Motors Corporation, Framingham, Massachusetts.
PB85-184091 **15**-*533,377* PC **A02**/MF **A01**

HETA-81-434-1404
Health Hazard Evaluation Report No. HETA-81-434-1404, Empire-Detroit Steel Division, Mansfield, Ohio.
PB85-181329 **14**-*531,385* PC **A03**/MF **A01**

HETA-81-450-1378
Health Hazard Evaluation Report HETA 81-450-1378, Inland Steel Company, East Chicago, Indiana.
PB85-178747 **14**-*531,348* PC **A02**/MF **A01**

HETA-81-463-1477
Health Hazard Evaluation Report HETA 81-463-1477, Colorado River Indian Reservation, Parker, Arizona.
PB85-223170 **21**-*547,664* PC **A03**/MF **A01**

HETA-81-465-1323
Health Hazard Evaluation Report No. HETA 81-465-1323, Hopkins Agricultural Chemical Company, Atlanta, Illinois.
PB85-100980 **01**-*500,745* PC **A02**/MF **A01**

HETA-81-472-1380
Health Hazard Evaluation Report HETA 81-472-1380, Pennsylvania Power and Light, Martins Creek Steam Electric Station, Martins Creek, Pennsylvania.
PB85-178556 **14**-*531,344* PC **A02**/MF **A01**

HETA-82-024-1428
Health Hazard Evaluation Report HETA 82-024-1428, Chemetco, Incorporated, Alton, Illinois.
PB85-179745 **14**-*531,373* PC **A03**/MF **A01**

HETA-82-025-1413
Health Hazard Evaluation Report No. HETA-82-025-1413, American Transportation Corporation, Conway, Arkansas.
PB85-179372 **14**-*531,369* PC **A04**/MF **A01**

HETA-82-032-1384
Health Hazard Evaluation Report HETA 82-032-1384, Badische Corporation, Kearny, New Jersey.
PB85-177533 **14**-*531,334* PC **A03**/MF **A01**

HETA-82-075-1545
Health Hazard Evaluation Report HETA 82-075-1545, Pratt and Whitney Aircraft, West Palm Beach, Florida.
PB85-234169 **25**-*557,715* PC **A04**/MF **A01**

HETA-82-100-1349
Health Hazard Evaluation Report No. HETA 82-100-1349, British Airways, Kennedy Airport, Jamaica, New York.
PB85-163400 **11**-*523,821* PC **A02**/MF **A01**

HETA-82-102-1464
Health Hazard Evaluation Report HETA 82-102-1464, University of Cincinnati, Cincinnati, Ohio.
PB85-185544 **15**-*533,402* PC **A03**/MF **A01**

HETA-82-103-1369
Health Hazard Evaluation Report HETA 82-103-1369, Wyandotte Paint Products Company, Pontiac, Michigan.
PB85-163640 **11**-*523,835* PC **A02**/MF **A01**

HETA-82-106-1366
Health Hazard Evaluation Report HETA 82-106-1366, Honda Motor Company of America, Marysville, Ohio.
PB85-158111 **10**-*521,584* PC **A02**/MF **A01**

HETA-82-107-1444
Health Hazard Evaluation Report HETA 82-107-1444, Torrington Company, Torrington, Connecticut.
PB85-184117 **16**-*535,729* PC **A03**/MF **A01**

HETA-82-113-1374
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PB85-164515 **11**-*523,842* PC **A02**/MF **A01**

HETA-82-119-1454
Health Hazard Evaluation Report HETA 81-119-1454, James River Power Plant, City Utilities, Springfield, Missouri,
PB85-184133 16-535,730 PC A03/MF A01

HETA-82-127-1370
Health Hazard Evaluation Report No. HETA 82-127-1370, Hoover Company, I P, North Canton, Ohio,
PB85-163483 11-523,829 PC A03/MF A01

HETA-82-132-1406
Health Hazard Evaluation Report HETA 82-132-1406, Huntington Alloys, Inc., Huntington, West Virginia,
PB85-179349 14-531,366 PC A02/MF A01

HETA-82-146-1388
Health Hazard Evaluation Report HETA 82-146-1388, Boeing Vertol Company, Philadelphia, Pennsylvania,
PB85-179323 14-531,364 PC A03/MF A01

HETA-82-167-1460
Health Hazard Evaluation Report HETA 82-167-1460, Upper School, Englewood Cliffs, New Jersey,
PB85-184240 15-533,387 PC A02/MF A01

HETA-82-173-1325
Health Hazard Evaluation Report No. HETA 82-173-1325, Westinghouse Electric Corp., St. Louis, Missouri,
PB85-101350 01-500,752 PC A03/MF A01

HETA-82-185-1353
Health Hazard Evaluation Report No. HETA 82-185-1353, Markland Lock and Dam, Markland, Kentucky,
PB85-164085 11-523,840 PC A02/MF A01

HETA-82-201-1365
Health Hazard Evaluation Report HETA 82-201-1365, Wright Patterson Air Force Base, Dayton, Ohio,
PB85-158046 10-521,580 PC A02/MF A01

HETA-82-210-1418
Health Hazard Evaluation Report No. HETA-82-210-1418, Legal Services Plan - DC 37, New York, New York,
PB85-179406 14-531,372 PC A02/MF A01

HETA-82-223-1340
Health Hazard Evaluation Report No. HETA 82-223-1340, Rubbermaid Incorporated, Wooster, Ohio,
PB85-101053 01-500,746 PC A03/MF A01

HETA-82-224-1336
Health Hazard Evaluation Report HETA 82-224-1336, Miami Fire Department, Miami, Florida,
PB85-102960 01-500,767 PC A02/MF A01

HETA-82-226-1433
Health Hazard Evaluation Report HETA 82-226-1433, Roper Eastern Products, Baltimore, Maryland,
PB85-184109 16-535,728 PC A02/MF A01

HETA-82-228-1447
Health Hazard Evaluation Report HETA 82-228-1447, Coca Cola Company, Hightstown, New Jersey,
PB85-185528 15-533,400 PC A03/MF A01

HETA-82-239-1355
Health Hazard Evaluation Report No. HETA 82-239-1355, Allen Bradley Company, Milwaukee, Wisconsin,
PB85-164507 11-523,841 PC A02/MF A01

HETA-82-248-1472
Health Hazard Evaluation Report HETA 82-248-1472, Pesticide Applicators, Fresno, California,
PB85-184265 15-533,389 PC A02/MF A01

HETA-82-256-1342
Health Hazard Evaluation Report HETA 82-256-1342, Emanuel Hospital, Portland, Oregon,
PB85-102945 01-500,765 PC A02/MF A01

HETA-82-259-1352
Health Hazard Evaluation Report HETA 82-259-1352, Scott Paper Company, Everett, Washington,
PB85-163590 11-523,834 PC A02/MF A01

HETA-82-269-1341
Health Hazard Evaluation Report HETA 82-269-1341, Cincinnati Technical College, Cincinnati, Ohio,
PB85-102887 01-500,759 PC A02/MF A01

HETA-82-280-1407
Health Hazard Evaluation Report HETA 82-280-1407, Hoover Company, North Canton, Ohio,
PB85-179356 14-531,367 PC A03/MF A01

HETA-82-281-1503
Health Hazard Evaluation Report HETA 82-281-1503, Stauffer Chemical Company, Morrisville, Pennsylvania,
PB85-208296 19-542,694 PC A02/MF A01

HETA-82-284-1456
Health Hazard Evaluation Report HETA 82-284-1456, Port Authority of New York and New Jersey, Elizabeth Industrial Park Site, Elizabeth, New Jersey,
PB85-184182 15-533,381 PC A03/MF A01

HETA-82-285-1339
Health Hazard Evaluation Report No. HETA 82-285-1339, Plastifax Company Explosion Site, Gulfport, Mississippi,
PB85-100899 01-500,744 PC A02/MF A01

HETA-82-292-1358
Health Hazard Evaluation Report HETA 82-292-1358, Sea Road Construction, State of Wisconsin,
PB85-163558 11-523,830 PC A03/MF A01

HETA-82-293-1482
Health Hazard Evaluation Report HETA 82-293-1482, 83-279-1482, United Association of the Plumbing and Pipefitting Industry, California Department of Housing, California Area,
PB85-220812 21-547,615 PC A03/MF A01

HETA-82-294-1458
Health Hazard Evaluation Report HETA 82-294-1458, Alhambra Plaza, Clifton, New Jersey,
PB85-185536 15-533,401 PC A02/MF A01

HETA-82-302-1461
Health Hazard Evaluation Report HETA 82-302-1461, East Penn Foundry, Macungie, Pennsylvania,
PB85-185551 15-533,403 PC A03/MF A01

HETA-82-305-1541
Health Hazard Evaluation Report HETA 82-305-1541, Fountain Avenue Landfill, Brooklyn, New York,
PB85-247542 26-560,379 PC A03/MF A01

HETA-82-310-1475
Health Hazard Evaluation Report HETA 82-310-1475, Hill-Murray High School, Maplewood, Minnesota,
PB85-184166 15-533,379 PC A03/MF A01

HETA-82-315-1320
Health Hazard Evaluation Report No. HETA 82-315-1320, Wilmington Chemical Corp., Wilmington, Delaware,
PB85-101293 01-500,748 PC A03/MF A01

HETA-82-326-1420
Health Hazard Evaluation Report No. HETA-82-326-1420, Keystone Color Works, Inc., York, Pennsylvania,
PB85-179380 14-531,370 PC A02/MF A01

HETA-82-328-1360
Health Hazard Evaluation Report HETA 82-328-1360, General Magnetics, Inc., Bloomfield, New Jersey,
PB85-163566 11-523,831 PC A02/MF A01

HETA-82-348-1442
Health Hazard Evaluation Report HETA 82-348-1442, The Dotson Company, Mankato, Minnesota,
PB85-185148 15-533,393 PC A03/MF A01

HETA-82-349-1332
Health Hazard Evaluation Report No. HETA 82-349-1332, Woolrich Woolen Mills, Inc., Woolrich, Pennsylvania,
PB85-100857 01-500,742 PC A02/MF A01

HETA-82-355-1375
Health Hazard Evaluation Report No. HETA 82-355-1375, R and S Manufacturing Company, Columbia, Pennsylvania,
PB85-164077 11-523,839 PC A02/MF A01

HETA-82-359-1382
Health Hazard Evaluation Report HETA 82-359-1382, Indiana and Michigan Power Company, Rockport Construction Project, Rockport, Indiana,
PB85-177558 14-531,336 PC A02/MF A01

HETA-82-361-1437
Health Hazard Evaluation Report HETA 82-361-1437, Kerr-McGee Nuclear Corporation, Grants, New Mexico,
PB85-221380 21-547,642 PC A03/MF A01

HETA 82-373-1363
Health Hazard Evaluation Report HETA-82-373-1363, Transamerica Occidential Life Insurance Company, Atlanta, Georgia,
PB85-158103 10-521,583 PC A02/MF A01

HETA-82-377-1376
Health Hazard Evaluation Report HETA 82-377-1376, D and F Corporation, Warren, Michigan,
PB85-178507 14-531,341 PC A02/MF A01

HETA-82-390-1345
Health Hazard Evaluation Report HETA 82-390-1345, Public Safety Building, Upper Darby, Pennsylvania,
PB85-102895 01-500,760 PC A02/MF A01

HETA-83-003-1539
Health Hazard Evaluation Report HETA 83-003-1539, Hamilton Technology, Incorporated, Lancaster, Pennsylvania,
PB85-234177 25-557,716 PC A03/MF A01

HETA-83-006-1379
Health Hazard Evaluation Report HETA 83-006-1379, Artworkspace, New York, New York,
PB85-178739 14-531,347 PC A02/MF A01

HETA-83-009-1335
Health Hazard Evaluation Report No. HETA 83-009-1335, Cumberland Manufacturing Company, Princeton, Kentucky,
PB85-101657 01-500,756 PC A02/MF A01

HETA-83-012-1354
Health Hazard Evaluation Report No. HETA 83-012-1354, Robert J. Goetz, D.D.S., Cincinnati, Ohio,
PB85-164069 11-523,838 PC A02/MF A01

HETA-83-014-1343
Health Hazard Evaluation Report HETA 83-014-1343, North Clackamas School District No. 12, Milwaukie, Oregon,
PB85-102903 01-500,761 PC A02/MF A01

HETA-83-020-1351
Health Hazard Evaluation Report HETA 83-020-1351, Johnson Museum, Cornell University, Ithaca, New York,
PB85-163582 11-523,833 PC A02/MF A01

HETA-83-040-1356
Health Hazard Evaluation Report No. HETA 83-040-1356, Drive Train industries, Inc., Casper, Wyoming,
PB85-165504 11-523,845 PC A02/MF A01

HETA-83-048-1347
Health Hazard Evaluation Report No. HETA 83-048-1347, National Jewish Hospital, Denver, Colorado,
PB85-163426 11-523,823 PC A02/MF A01

HETA-83-063-1364
Health Hazard Evaluation Report No. HETA 83-063-1364, Louis A. Johnson Medical Center, Clarksburg, West Virginia,
PB85-163442 11-523,825 PC A02/MF A01

HETA-83-066-1531
Health Hazard Evaluation Report HETA 83-066-1531, Globe Industry, Lowell, Indiana,
PB85-208304 19-542,695 PC A02/MF A01

HETA-83-074-1525
Health Hazard Evaluation Report HETA 83-074-1525, National Jewish Hospital, Denver, Colorado,
PB85-208338 19-542,698 PC A02/MF A01

HETA-83-076-1414
Health Hazard Evaluation Report No. HETA-83-076-1414, Saint Joseph's Hospital, Denver, Colorado,
PB85-179364 14-531,368 PC A02/MF A01

HETA-83-088-1324
Health Hazard Evaluation Report No. HETA-83-088-1324, Moline Police Dept. Indoor Range, Moline, Illinois,
PB85-101533 01-500,754 PC A02/MF A01

HETA-83-089-1329
Health Hazard Evaluation Report HETA 83-089-1329, Milk's Camp Industry, Bonesteel, South Dakota,
PB85-102929 01-500,763 PC A02/MF A01

HETA-83-090-1326
Health Hazard Evaluation Report No. HETA 83-090-1326, Fort Stanwix National Monument, Rome, New York,
PB85-101343 01-500,751 PC A02/MF A01

HETA-83-095-1484
Health Hazard Evaluation Report HETA 83-095-1484, Western States Machine Company, Hamilton, Ohio,
PB85-219921 21-547,599 PC A02/MF A01

HETA-83-096-1415
Health Hazard Evaluation Report No. HETA-83-096-1415, Mark Brodie, D.D.S., Englewood, Colorado,
PB85-181295 15-533,372 PC A02/MF A01

HETA-83-113-1470
Health Hazard Evaluation Report HETA 83-113-1470, Raygo-Wagner, Portland, Oregon,
PB85-184224 15-533,385 PC A03/MF A01

HETA-83-128-1485
Health Hazard Evaluation Report HETA 83-128-1485, Henry R. Hinckley and Company, Southwest Harbor, Maine,
PB85-208866 19-542,710 PC A03/MF A01

HETA-83-129-1296
Health Hazard Evaluation Report HETA 83-129-1296, American Enterprise Institute, Washington, DC,
PB85-184273 15-533,390 PC A02/MF A01

HETA-83-131-1412
Health Hazard Evaluation Report No. HETA-83-131-1412, Midwest Foundry, Coldwater, Michigan,
PB85-181220 14-531,378 PC A02/MF A01

HETA-83-132-1508
Health Hazard Evaluation Report HETA 83-132-1508, Grand Gulf Nuclear Power Plant, Port Gibson, Mississippi,
PB85-220887 21-547,620 PC A02/MF A01

HETA-83-134-1327
Health Hazard Evaluation Report No. HETA 83-134-1327, National Park Service Mound City Group National Monument, Chillicothe, Ohio,
PB85-101335 01-500,750 PC A02/MF A01

HETA-83-136-1398
Health Hazard Evaluation Report No. HETA-83-136-1398, Social Security Administration, New Brunswick, New Jersey,
PB85-181246 14-531,380 PC A02/MF A01

HETA-83-139-1422
Health Hazard Evaluation Report No. HETA-83-139-1422, Chemung County Health Department, Elmira, New York,
PB85-181238 14-531,379 PC A02/MF A01

HETA-83-141-1322
Health Hazard Evaluation Report No. HETA 83-141-1322, U.S. E.P.A. (Environmental Protection Agency) Central Regional Laboratory, Annapolis, Maryland,
PB85-101541 01-500,755 PC A02/MF A01

HETA-83-142-1431
Health Hazard Evaluation Report HETA 83-142-1431, ICI Americas, Inc., Charlestown, Indiana,
PB85-184125 15-533,378 PC A02/MF A01

HETA-83-143-1419
Health Hazard Evaluation Report HETA 83-143-1419, United States Assay Office, San Francisco, California,
PB85-179141 14-531,354 PC A02/MF A01

HETA-83-145-1330
Health Hazard Evaluation Report No. HETA 83-145-1330, Frontier Airlines, Denver, Colorado,
PB85-101723 01-500,757 PC A02/MF A01

HETA-83-153-1510
Health Hazard Evaluation Report HETA 83-153-1510, Swedish Hospital, Seattle, Washington,
PB85-221364 21-547,640 PC A02/MF A01

HETA-83-157-1373
Health Hazard Evaluation Report No. HETA 83-157-1373, Fire Department, Stamford, Connecticut,
PB85-163475 11-523,828 PC A02/MF A01

HETA-83-159-1473
Health Hazard Evaluation Report HETA 83-159-1473, Seamless Hospital Products Company, Fayette, Alabama,
PB85-184174 15-533,380 PC A02/MF A01

HETA-83-164-1377
Health Hazard Evaluation Report HETA 83-164-1377, Siemens Components, Inc., Broomfield, Colorado.
PB85-178754 14-531,349 PC A02/MF A01

HETA-83-170-1346
Health Hazard Evaluation Report No. HETA 83-170-1346, Xomox Corporation, Cincinnati, Ohio.
PB85-163434 11-523,824 PC A02/MF A01

HETA-83-172-1409
Health Hazard Evaluation Report HETA 83-172-1409, Wappingers Central School District, Wappingers Falls, New York.
PB85-179166 14-531,356 PC A03/MF A01

HETA-83-184-1416
Health Hazard Evaluation Report No. HETA-83-184-1416, Penn Emblem Company, Philadelphia, Pennsylvania.
PB85-181303 15-533,373 PC A02/MF A01

HETA-83-189-1368
Health Hazard Evaluation Report HETA 83-189-1368, Goodyear Aerospace Corp., Akron, Ohio.
PB85-161081 11-523,819 PC A02/MF A01

HETA-83-191-1423
Health Hazard Evaluation Report No. HETA-83-191-1423, National Zoological Park Conservation Center, Front Royal, Virginia.
PB85-181196 14-531,376 PC A02/MF A01

HETA-83-195-1426
Health Hazard Evaluation Report HETA 83-195-1426, David Mayer Poultry Farm, Hobgood, North Carolina.
PB85-184299 15-533,392 PC A03/MF A01

HETA-83-196-1492
Health Hazard Evaluation Report HETA 83-196-1492, Goodyear Tire and Rubber Company, Gadsden, Alabama.
PB85-221349 21-547,638 PC A02/MF A01

HETA-83-214-1424
Health Hazard Evaluation Report HETA 83-214-1424, West Virginia Air National Guard, 167th Tactical Airlift Group, Martinsburg, West Virginia.
PB85-179265 15-533,369 PC A02/MF A01

HETA-83-217-1425
Health Hazard Evaluation Report HETA 83-217-1425, Medical College of Pennsylvania, Philadelphia, Pennsylvania.
PB85-179240 15-533,368 PC A02/MF A01

HETA-83-227-1466
Health Hazard Evaluation Report HETA 83-227-1466, Puget Sound Naval Shipyard, Bremerton, Washington.
PB85-185353 15-533,399 PC A02/MF A01

HETA-83-233-1410
Health Hazard Evaluation Report HETA 83-233-1410, Pelton and Crane Company, Charlotte, North Carolina.
PB85-179158 14-531,355 PC A02/MF A01

HETA-83-248-1515
Health Hazard Evaluation Report HETA 83-248-1515, ARCO Philadelphia Refinery, Philadelphia, Pennsylvania.
PB85-208320 19-542,697 PC A02/MF A01

HETA-83-254-1393
Health Hazard Evaluation Report HETA 83-254-1393, United Uniform Manufacturing Company of Memphis, Inc., Memphis, Tennessee.
PB85-179281 14-531,360 PC A02/MF A01

HETA-83-266-1391
Health Hazard Evaluation Report, No. HETA-83-266-1391, McCourt Label Company, Bradford, Pennsylvania.
PB85-181261 14-531,382 PC A02/MF A01

HETA-83-269-1430
Health Hazard Evaluation Report HETA 83-269-1430, Siemens Components, Inc., Broomfield, Colorado.
PB85-180313 15-533,371 PC A02/MF A01

HETA-83-275-1394
Health Hazard Evaluation Report HETA 83-275-1394, Kautt and Bux Manufacturing, Mundelein, Illinois.
PB85-179299 14-531,361 PC A02/MF A01

HETA-83-276-1499
Health Hazard Evaluation Report HETA 83-276-1499, Charlie's Taxidermy and Gifts, Fleetwood, Pennsylvania.
PB85-220309 22-549,872 PC A02/MF A01

HETA-83-279-1482
Health Hazard Evaluation Report HETA 82-293-1482, 83-279-1482, United Association of the Plumbing and Pipefitting Industry, California Department of Housing, California Area.
PB85-220812 21-547,615 PC A03/MF A01

HETA-83-280-1530
Health Hazard Evaluation Report HETA 83-280-1530, Orange County Fire Department, Orlando, Florida.
PB85-234334 25-557,719 PC A02/MF A01

HETA-83-281-1457
Health Hazard Evaluation Report HETA 83-281-1457, Holley Electric Corporation, Jesup, Georgia.
PB85-184232 15-533,386 PC A02/MF A01

HETA-83-284-1536
Health Hazard Evaluation Report HETA 83-284-1536, Dialysis Clinic, Inc., Atlanta, Georgia.
PB85-207751 19-542,673 PC A02/MF A01

HETA-83-296-1491
Health Hazard Evaluation Report HETA 83-296-1491, Johnson Controls, Inc., Watertown, Wisconsin.
PB85-220986 21-547,630 PC A02/MF A01

HETA-83-301-1478
Health Hazard Evaluation Report HETA 83-301-1478, Lion Uniform Company, Beattyville, Kentucky.
PB85-221372 21-547,641 PC A03/MF A01

HETA-83-312-1400
Health Hazard Evaluation Report HETA 83-312-1400, Champion Technology Center, Hamilton, Ohio.
PB85-179208 15-533,364 PC A02/MF A01

HETA-83-320-1432
Health Hazard Evaluation Report HETA 83-320-1432, National Endowment for the Arts, Washington, DC.
PB85-179760 14-531,374 PC A02/MF A01

HETA-83-326-1535
Health Hazard Evaluation Report HETA 83-326-1535, Liquid Disposal Incorporated, Shelby Township, Michigan.
PB85-208312 19-542,696 PC A02/MF A01

HETA-83-329-1498
Health Hazard Evaluation Report HETA 83-329-1498, Southern Bell, Atlanta, Georgia.
PB85-208379 19-542,702 PC A02/MF A01

HETA-83-338-1399
Health Hazard Evaluation Report HETA 83-338-1399, Palmer Instruments, Incorporated, Cincinnati, Ohio.
PB85-179216 15-533,365 PC A02/MF A01

HETA-83-348-1397
Health Hazard Evaluation Report No. HETA-83-348-1397, Littleton Historical Museum, Littleton, Colorado.
PB85-181287 14-531,384 PC A02/MF A01

HETA-83-358-1362
Health Hazard Evaluation Report HETA 82-358-1362, George H. Fallon Federal Office Building, Baltimore, Maryland.
PB85-158095 10-521,582 PC A02/MF A01

HETA-83-360-1495
Health Hazard Evaluation Report HETA 83-360-1495, Chester Fire Department, Chester, Pennsylvania.
PB85-220291 22-549,871 PC A02/MF A01

HETA-83-361-1463
Health Hazard Evaluation Report HETA 83-361-1463, Amfac Garden Perry's, Carpenteria, California.
PB85-185569 15-533,404 PC A02/MF A01

HETA-83-373-1501
Health Hazard Evaluation Report HETA 83-373-1501, Brown's Bridge Animal Hospital, Gainesville, Georgia.
PB85-220820 21-547,616 PC A02/MF A01

HETA-83-375-1521
Health Hazard Evaluation Report HETA 83-375-1521, Federal Grain Inspection Service-USDA, Portland, Oregon.
PB85-207868 19-542,683 PC A04/MF A01

HETA-83-381-1411
Health Hazard Evaluation Report No. HETA-83-381-1411, Riverfront Stadium, Cincinnati, Ohio.
PB85-181212 14-531,377 PC A02/MF A01

HETA-83-383-1480
Health Hazard Evaluation Report HETA 83-383-1480, Progress Federal Savings and Loan, Bridgeport, Pennsylvania.
PB85-220275 22-549,870 PC A02/MF A01

HETA-83-385-1469
Health Hazard Evaluation Report HETA 83-385-1469, Agricultural Commissioner, San Luis Obispo County, Paso Robles, California.
PB85-185346 15-533,398 PC A02/MF A01

HETA-83-408-1389
Health Hazard Evaluation Report No. HETA-83-408-1389, U.S. Forest Service, Dillon District, Frisco, Colorado.
PB85-181253 14-531,381 PC A02/MF A01

HETA-83-409-1450
Health Hazard Evaluation Report HETA 83-409-1450, King Kwik Minit Market, Inc., Cincinnati, Ohio.
PB85-186732 15-533,406 PC A02/MF A01

HETA-83-417-1357
Health Hazard Evaluation Report No. HETA 83-417-1357, U.S. Environmental Protection Agency, Triangle Chemical Site, Bridge City, Texas.
PB85-164770 11-523,844 PC A03/MF A01

HETA-83-424-1403
Health Hazard Evaluation Report HETA 83-424-1403, Ozark National Scenic Riverways, Van Buren, Missouri.
PB85-179182 14-531,358 PC A02/MF A01

HETA-83-425-1500
Health Hazard Evaluation Report HETA 83-425-1500, Westview Press, Boulder, Colorado.
PB85-220846 21-547,618 PC A02/MF A01

HETA-83-438-1479
Health Hazard Evaluation Report HETA 83-438-1479, Grundy Industries, Inc., Joliet, Illinois.
PB85-220960 21-547,628 PC A02/MF A01

HETA-83-440-1537
Health Hazard Evaluation Report HETA 83-440-1537, Papillion Creek Wastewater Treatment Plant, Omaha, Nebraska.
PB85-208270 19-542,692 PC A03/MF A01

HETA-83-444-1481
Health Hazard Evaluation Report HETA 83-444-1481, Georgetown University, Washington, DC.
PB85-220895 21-547,621 PC A03/MF A01

HETA-83-445-1487
Health Hazard Evaluation Report HETA 83-445-1487, DeLore International, Cincinnati, Ohio.
PB85-222867 21-547,658 PC A02/MF A01

HETA-83-450-1468
Health Hazard Evaluation Report HETA 83-450-1468, George Rogers Clark National Historical Park, Vincennes, Indiana.
PB85-185320 15-533,396 PC A02/MF A01

HETA-83-453-1488
Health Hazard Evaluation Report HETA 83-453-1488, Chef Pierre, Inc., Traverse City, Michigan.
PB85-220903 21-547,622 PC A02/MF A01

HETA-83-459-1465
Health Hazard Evaluation Report HETA 83-459-1465, Stuart Manufacturing, Denver, Colorado.
PB85-184281 15-533,391 PC A02/MF A01

HETA-84-010-1445
Health Hazard Evaluation Report HETA 84-010-1445, Taylor Borough Drum Site, Taylor Borough, Pennsylvania.
PB85-221521 22-549,876 PC A02/MF A01

HETA-84-013-1504
Health Hazard Evaluation Report HETA 84-013-1504, Sea-Land Service, Inc., Seattle, Washington.
PB85-220838 21-547,617 PC A02/MF A01

HETA-84-014-1507
Health Hazard Evaluation Report HETA 84-014-1507, Davis and Geck, Inc., Danbury, Connecticut.
PB85-224020 21-547,665 PC A02/MF A01

HETA-84-023-1462
Health Hazard Evaluation Report HETA 84-023-1462, Dale Electronics, Incorporated, Yankton, South Dakota.
PB85-185577 15-533,405 PC A02/MF A01

HETA-84-028-1517
Health Hazard Evaluation Report HETA 84-028-1517, Drive Train Industries, Inc., Albuquerque, New Mexico.
PB85-208353 19-542,700 PC A02/MF A01

HETA-84-029-1427
Health Hazard Evaluation Report No. HETA-84-029-1427, Jewish Family and Childrens Agency, Ardmore, Pennsylvania.
PB85-181311 15-533,374 PC A02/MF A01

HETA-84-038-1513
Health Hazard Evaluation Report HETA 84-038-1513, Kennecott Smelter, Hurley, New Mexico.
PB85-208361 19-542,701 PC A03/MF A01

HETA-84-043-1429
Health Hazard Evaluation Report HETA 84-043-1429, Pennsylvania Department of Transportation, Transportation and Safety Building, Harrisburg, Pennsylvania.
PB85-180305 15-533,370 PC A02/MF A01

HETA-84-044-1441
Health Hazard Evaluation Report HETA 84-044-1441, Rhinehart Tire Fire, Winchester, Virginia.
PB85-185155 15-533,394 PC A02/MF A01

HETA-84-065-1519
Health Hazard Evaluation Report HETA 84-065-1519, Southern Oregon State College, Ashland, Oregon.
PB85-208221 19-542,687 PC A02/MF A01

HETA-84-074-1476
Health Hazard Evaluation Report HETA 84-074-1476, Grundy Industries, Inc., Denver, Colorado.
PB85-187698 15-533,408 PC A02/MF A01

HETA-84-089-1505
Health Hazard Evaluation Report HETA 84-089-1505, Pratt and Whitney, East Hartford, Connecticut.
PB85-219954 21-547,601 PC A02/MF A01

HETA-84-090-1533
Health Hazard Evaluation Report HETA 84-090-1533, J. Butler, D.D.S., Wellston, Ohio.
PB85-208254 19-542,690 PC A03/MF A01

HETA-84-098-1497
Health Hazard Evaluation Report HETA 84-098-1497, University of Pennsylvania, Medical Education Building, Philadelphia, Pennsylvania.
PB85-220861 21-547,619 PC A02/MF A01

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PB84-910413 **04**-*507,899* PC **A03**/MF **A01**

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PB84-916205 **04**-509,813 PC **A03**/MF **A01**

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PB84-916408 **07**-515,181 PC **A06**/MF **A01**

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PB85-916401 **13**-529,790 PC **A02**/MF **A01**

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PB85-916403 **19**-543,648 PC **A05**/MF **A01**

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PB85-916404 **19**-543,649 PC **A02**/MF **A01**

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Marine Accident Report - Capsizing of the Uninspected Vessel M/V SCITANIC on the Tennessee River near Huntsville, Alabama, July 7, 1984.
PB85-916405 **22**-550,703 PC **A03**/MF **A01**

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PB85-916407 **25**-558,763 PC **A04**/MF **A01**

NTSB/MAR-85/08
Marine Accident Report - Fire Aboard the Bahamian Passenger Ship M/V SCANDINAVIAN SUN, Port of Miami, Miami, Florida, August 20, 1984.
PB85-916408 **26**-561,240 PC **A03**/MF **A01**

NTSB/MAR-85/09
Marine Accident Report - Loss by Fire of the U.S. Passenger Vessel M/V FANTASY ISLANDER in Charlotte Harbor, Florida, September 8, 1984.
PB85-916409 **26**-561,241 PC **A03**/MF **A01**

NTSB/PAR-84/03
Pipeline Accident Report - Washington Gas Light Company Natural Gas Explosion and Fire, Herndon Gate Station, Fairfax County, Virginia, October 13, 1983.
PB84-916503 **01**-501,919 PC**$12.50**/MF **A01**

NTSB/PAR-84/04
Pipeline Accident Report - Columbia Gas of West Virginia, Inc., Explosion and Fire, South Charleston, West Virginia, October 17, 1983.
PB84-916504 **03**-506,779 PC **A04**/MF **A01**

NTSB/PAR-84/05
Pipeline Accident Report - Boston Gas Company, Natural Gas Overpressure, Explosion and Fires, East Boston, Massachusetts, September 23, 1983.
PB84-916505 **07**-515,182 PC **A03**/MF **A01**

NTSB/PAR-85/01
Pipeline Accident Report - Arizona Public Service Company, Natural Gas Explosion and Fire, Phoenix, Arizona, September 25, 1984.
PB85-916501 **23**-554,339 PC **A03**/MF **A01**

NTSB/RAB-85/01
Railroad Accident Reports - Brief Format, Issue Number 1, 1983.
PB85-917201 **11**-524,774 PC **A03**/MF **A01**

NTSB/RAB-85/02
Railroad Accident Reports - Brief Format, Issue Number 2, 1983.
PB85-917202 **16**-536,363 PC **A04**/MF **A01**

NTSB/RAB-85/03
Railroad Accident Reports - Brief Format, Issue Number 3, 1983.
PB85-917203 **19**-543,650 PC **A04**/MF **A01**

NTSB/RAB-85/04
Railroad Accident Reports - Brief Format, Issue Number 4, 1983.
PB85-917204 **19**-543,651 PC **A03**/MF **A01**

NTSB/RAB-85/05
Railroad Accident Reports - Brief Format, Issue Number 1, 1984.
PB85-917205 **19**-543,652 PC**$10.00**/MF **A01**

NTSB/RAR-85/01
Railroad Accident Report - Derailment of Amtrak Train No. 21 (The Eagle) on the Missouri Pacific Railroad, Woodlawn, Texas, November 12, 1983.
PB85-916301 **13**-529,789 PC **A04**/MF **A01**

NTSB/RAR-85/02
Railroad Accident Report - Rear End Collision between Conrail Trains OIPI-6 and ENPI-6X near Saltsburg, Pennsylvania, February 26, 1984.
PB85-916302 **15**-534,306 PC **A03**/MF **A01**

NTSB/RAR-85/03
Railroad Accident Report - Derailment of Amtrak Train No. 81, The Silver Star on the Seaboard System Railroad, Kittrell, North Carolina, March 5, 1984.
PB85-916303 **15**-534,307 PC **A02**/MF **A01**

NTSB/RAR-85/04
Railroad Accident Report - Head-On Collision of Burlington Northern Railroad Freight Trains Extra 6714 West and Extra 7820 East at Wiggins, Colorado, April 13, 1984 and Rear-End Collision of Burlington Northern Railroad Freight Trains Extra 7843 East and Extra ATSF 8112 East near Newcastle, Wyoming, April 22, 1984.
PB85-916304 **19**-543,646 PC **A07**/MF **A01**

NTSB/RAR-85/05
Railroad Accident Report - Seaboard System Railroad Freight Train FERHL Derailment and Fire, Marshville, North Carolina, April 10, 1984.
PB85-916305 **20**-545,936 PC **A03**/MF **A01**

NTSB/RAR-85/06
Railroad Accident Report - Head-On Collision of Burlington Northern Railroad Freight Trains Extra 6760 West and Extra 7907 East near Motley, Minnesota, June 14, 1984.
PB85-916306 **19**-543,647 PC **A03**/MF **A01**

NTSB/RAR-85/07
Railroad Accident Report - Derailment of New York City Transit Authority Subway Train in the Joralemon Street Tunnel, New York, New York, March 17, 1984.
PB85-916307 **21**-548,670 PC **A03**/MF **A01**

NTSB/RAR-85/08
Railroad Accident Report - Vinyl Chloride Monomer Release from a Railroad Tank Car and Fire Formosa Plastics Corporation Plant, Baton Rouge, Louisiana, July 30, 1983.
PB85-916308 **23**-553,617 PC **A03**/MF **A01**

NTSB/RAR-85/09
Railroad Accident Report - Head-On Collision of National Railroad Passenger Corporation (AMTRAK) Passenger Trains Nos. 151 and 168, Astoria, Queens, New York, New York, July 23, 1984.
PB85-916309 **25**-558,762 PC **A04**/MF **A01**

NTSB/RAR-85/10
Railroad Accident Report - Denver and Rio Grande Western Railroad Company Train Yard Accident Involving Punctured Tank Car, Nitric Acid and Vapor Cloud, and Evacuation, Denver, Colorado, April 3, 1983.
PB85-916310 **22**-550,805 PC **A02**/MF **A01**

NTSB/REC-84/06
Transportation Safety Recommendations Adopted during the Month of June, 1984.
PB84-916606 **01**-501,921 PC**$12.50**/MF **A01**

NTSB/RHR-84/01
Railroad/Highway Accident Report - Collision of Amtrak Train No. 88 with Tractor Lowboy Semitrailer Combination Truck, Rowland, North Carolina, August 25, 1983.
PB84-917005 **02**-504,430 PC **A03**/MF **A01**

NTSB/RHR-84/02
Railroad/Highway Accident Report - Collision of Amtrak Passenger Train No. 301 on Illinois Central Gulf Railroad with Marquette Motor Service Terminals, Inc. Delivery Truck, Wilmington, Illinois, July 28, 1983.
PB84-917008 **07**-515,183 PC **A03**/MF **A01**

NTSB/RP-84/01
Report on Proceedings - Aviation Accident Investigation Symposium, April 26-28, 1983, Springfield, Virginia.
PB84-917004 **01**-500,025 PC **A10**/MF **A01**

NTSB/SIR-85/01
Hazardous Materials Special Investigation Report - Release of Oleum during Wreckage-Clearing Following Derailment of Seaboard System Railroad Train EXTRA 8294 North Clay, Kentucky, February 5, 1984.
PB85-917004 **24**-556,105 PC **A03**/MF **A01**

NTSB/SIR-85/02
Special Investigation Report - Railroad Yard Safety: Hazardous Materials and Emergency Preparedness.
PB85-917005 **22**-550,806 PC **A04**/MF **A01**

NTSB/SR-85/01
Safety Report - General Aviation Crashworthiness Project: Phase 2, Impact Severity and Potential Injury Prevention in General Aviation Accidents.
PB85-917002 **17**-537,019 PC **A03**/MF **A01**

Aircraft Accident Reports.
PB85-910400 **08**-515,738 Subscription

Highway Accident Reports.
PB85-916200 **10**-522,450 Subscription

Railroad Accident Reports.
PB85-916300 **07**-515,188 Subscription

Marine Accident Reports.
PB85-916400 **13**-529,768 PC**$60.00**

Pipeline Accident Reports.
PB85-916500 **10**-522,451 Subscription

Transportation Special Reports.
PB85-917000 **07**-515,189 Subscription

Transportation Accident Briefs: Highway.
PB85-917100 **10**-522,375 Standing Order

Railroad Accident Reports - Brief Format.
PB85-917200 **09**-519,773 Standing Order

Transportation Accident Briefs: Marine.
PB85-917300 **10**-522,421 Standing Order

Transportation Accident Briefs: Pipeline.
PB85-917400 **10**-522,452 Standing Order

NATIONAL TRANSPORTATION SAFETY BOARD, WASHINGTON, DC. BUREAU OF FIELD OPERATIONS.

NTSB/AAB-85/01
Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation, Issue Number 17 of 1982 Accidents.
PB85-916901 **19**-542,086 PC **A19**/MF **A01**

NTSB/AAB-85/02
Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation, Issue Number 1 of 1983 Accidents.
PB85-916902 **19**-542,087 PC **A18**/MF **A01**

NTSB/AAB-85/03
Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation, Issue Number 2 of 1983 Accidents.
PB85-916903 **19**-542,088 PC **A18**/MF **A01**

NTSB/AAB-85/04
Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation, Issue Number 3 of 1983 Accidents.
PB85-916904 **19**-542,089 PC **A18**/MF **A01**

NTSB/AAB-85/06
Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation, Issue Number 5 of 1983 Accidents.
PB85-916906 **22**-549,291 PC **A18**/MF **A01**

NTSB/AAB-85/13
Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation Issue Number 12 of 1983 Accidents.
PB85-916913 **24**-*554,565* PC **A17**/MF **A01**

NTSB/AAB-85/14
Aircraft Accident Reports - Brief Format U.S. Civil and Foreign Aviation Issue Number 13 of 1983 Accidents.
PB85-916914 **26**-*559,988* PC **A18**/MF **A01**

NTSB/AAB-85/15
Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation Issue Number 14 of 1983 Accidents.
PB85-916915 **24**-*554,566* PC **A18**/MF **A01**

NTSB/AAB-85/16
Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation Issue Number 15 of 1983 Accidents.
PB85-916916 **24**-*554,567* PC **A18**/MF **A01**

NTSB/AAB-85/17
Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation Issue Number 16 of 1983 Accidents.
PB85-916917 **24**-*554,568* PC **A17**/MF **A01**

NTSB/AAB-85/19
Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation Issue Number 18 of 1983 Accidents.
PB85-916919 **24**-*554,569* PC **A15**/MF **A01**

NTSB/AAB-85/20
Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation, Issue Number 1 of 1984 Accidents.
PB85-916920 **26**-*559,989* PC **A18**/MF **A01**

NTSB/AAB-85/21
Aircraft Accident Reports - Brief Format, U.S. Civil and Foreign Aviation, Issue Number 2 of 1984 Accidents.
PB85-916921 **26**-*559,990* PC **A18**/MF **A01**

NTSB/RAB-85/06
Railroad Accident Reports - Brief Format Issue Number 2, 1984.
PB85-917206 **25**-*558,705* PC**$10.00**/MF **A01**

NTSB/RAB-85/07
Railroad Accident Reports - Brief Format Issue Number 3, 1984.
PB85-917207 **26**-*561,243* PC**$10.00**/MF **A01**

NTSB/RAB-85/08
Railroad Accident Reports - Brief Format, Issue Number 4, 1984.
PB85-917208 **26**-*561,244* PC**$10.00**/MF **A01**

NTSB/RHR-85/01
Railroad/Highway Accident Report - Grade Crossing Collision of a Florida East Coast Railway Company Freight Train and an Indian River Academy Schoolbus, Port St. Lucie, Florida, September 27, 1984.
PB85-917007 **26**-*561,242* PC **A04**/MF **A01**

NATIONAL TRANSPORTATION SAFETY BOARD, WASHINGTON, DC. BUREAU OF SAFETY PROGRAMS.

NTSB/REC-84/05
Transportation Safety Recommendations Adopted during the Month of May, 1984.
PB84-916605 **01**-*501,920* PC **A04**/MF **A01**

NTSB/REC-84/07
Transportation Safety Recommendations Adopted during the Month of July, 1984.
PB84-916607 **11**-*523,236* PC **A04**/MF **A01**

NTSB/REC-84/08
Transportation Safety Recommendations Adopted during the Month of August, 1984.
PB84-916608 **11**-*524,648* PC **A04**/MF **A01**

NTSB/REC-84/09
Transportation Safety Recommendations Adopted during the Month of September, 1984.
PB84-916609 **13**-*528,302* PC **A03**/MF **A01**

NTSB/REC-84/10
Transportation Safety Recommendations Adopted during the Month of October, 1984.
PB84-916610 **13**-*528,303* PC **A03**/MF **A01**

NTSB/REC-84/11
Transportation Safety Recommendations Adopted during the Month of November, 1984.
PB84-916611 **13**-*528,304* PC **A05**/MF **A01**

NTSB/REC-84/12
Transportation Safety Recommendations Adopted during the Month of December, 1984.
PB84-916612 **13**-*528,305* PC **A02**/MF **A01**

NTSB/REC-85/01
Transportation Safety Recommendations Adopted during the Month of January 1985.
PB85-916601 **20**-*544,496* PC **A02**/MF **A01**

NTSB/REC-85/02
Transportation Safety Recommendations Adopted during the Month of February 1985.
PB85-916602 **20**-*544,497* PC **A02**/MF **A01**

NTSB/REC-85/03
Transportation Safety Recommendations Adopted during the Month of March 1985.
PB85-916603 **20**-*544,498* PC **A04**/MF **A01**

NTSB/REC-85/04
Transportation Safety Recommendations Adopted during the Month of April, 1985.
PB85-916604 **26**-*559,984* PC **A04**/MF **A01**

NTSB/REC-85/05
Transportation Safety Recommendations Adopted during the Month of May, 1985.
PB85-916605 **26**-*559,985* PC **A05**/MF **A01**

NTSB/REC-85/06
Transportation Safety Recommendations Adopted during the Month of June, 1985.
PB85-916606 **26**-*559,986* PC **A05**/MF **A01**

NTSB/REC-85/07
Transportation Safety Recommendations Adopted during the Month of July, 1985.
PB85-916607 **26**-*559,987* PC **A05**/MF **A01**

NTSB/SS-84/04
Safety Study - Deficiencies in Enforcement, Judicial, and Treatment Programs Related to Repeat Offender Drunk Drivers.
PB84-917007 **04**-*508,399* PC **A06**/MF **A01**

NTSB/SS-85/01
Safety Study - Ultralight Vehicle Accidents.
PB85-917001 **13**-*528,306* PC **A18**/MF **A01**

NTSB/SS-85/02
Safety Study - Air Carrier Overwater Emergency Equipment and Procedures.
PB85-917006 **22**-*550,704* PC **A02**/MF **A01**

Transportation Safety Recommendations.
PB85-916600 **10**-*520,956* Subscription

NATIONAL TRANSPORTATION SAFETY BOARD, WASHINGTON, DC. BUREAU OF TECHNOLOGY.

NTSB/AAR-84/11
Aircraft Accident Report - Central Airlines Flight 27, Hughes Charter Air, Gates Learjet Model 25 (N51CA), Newark International Airport, Newark, New Jersey, March 30, 1983.
PB84-910411 **01**-*500,024* PC **A03**/MF **A01**

NTSB-ARC-80-1
Annual Review of Aircraft Accident Data - U.S. Air Carrier Operations 1978.
PB85-129443 **05**-*510,593* PC **A05**/MF **A01**

NTSB/SIR-84/01
Special Investigation Report - An Evaluation of the Garrett TPE 331 Engine's Potential for Turbine Oil By-Product Contamination of an Aircraft Cabin Environmental System.
PB84-917006 **01**-*501,753* PC **A05**/MF **A01**

NATIONAL TRANSPORTATION SAFETY BOARD, WASHINGTON, DC. OFFICE OF ADMINISTRATIVE LAW JUDGES.

NTSB/IDB00-84/02
Transportation Initial Decisions and Orders and Board Opinions and Orders Adopted and Issued during the Month of February, 1984.
PB84-916702 **07**-*514,501* PC **A15**/MF **A01**

NTSB/IDB00-84/03
Transportation Initial Decisions and Orders and Board Opinions and Orders Adopted and Issued during the Month of March, 1984.
PB84-916703 **07**-*514,502* PC **A15**/MF **A01**

NTSB/IDB00-84/04
Transportation Initial Decisions and Orders and Board Opinions and Orders Adopted and Issued during the Month of April, 1984.
PB84-916704 **07**-*514,503* PC **A20**/MF **A01**

Transportation Initial Decisions and Orders and Board Opinions and Orders.
PB85-916700 **10**-*520,957* PC**$200.00**

NATIONAL TSING HUA UNIV., HSINCHU (TAIWAN). DEPT. OF PHYSICS.

Measurement of Gravitational Forces at Separations Around 10 Meters.
PB85-131209 **08**-*518,116*
(Order as PB85-130078, PC **A99**/MF **A01**)

Equivalence Principles and Precision Experiments.
PB85-131308 **08**-*518,126*
(Order as PB85-130078, PC **A99**/MF **A01**)

NATIONAL URBAN LEAGUE, INC., WASHINGTON, DC.

Private Sector Support for Fair Housing: A Guide.
(HUD-0003754)
PB85-158608 **10**-*521,318* PC **A07**/MF **A01**

NATIONAL WAR COLL., WASHINGTON, DC.

NDU-ICAF-83-055
Surprise and Preemption in Soviet Nuclear Strategy.
AD-B075 070/3 **15**-*534,468* PC **A04**/MF **A01**

NDU-ICAF-83-057
Strategy to Achieve the United States Long Term Interests in Space.
AD-B075 026/5 **15**-*534,478* PC **A03**/MF **A01**

NDU-NWC-83-009
Strategy to Achieve the United States Long Term Interests in Space.
AD-B075 026/5 **15**-*534,478* PC **A03**/MF **A01**

NDU-NWC-83-015
Surprise and Preemption in Soviet Nuclear Strategy.
AD-B075 070/3 **15**-*534,468* PC **A04**/MF **A01**

NATIONAL WATER AND SOIL CONSERVATION ORGANIZATION, WELLINGTON (NEW ZEALAND).

CONF-8211207-
Nutrient Processing and Biomass Production in the New Zealand Estuaries.
DE85781281 **25**-*558,026* PC **A05**/MF **A01**

WSD-Misc-60
Nutrient Processing and Biomass Production in the New Zealand Estuaries.
DE85781281 **25**-*558,026* PC **A05**/MF **A01**

NATIONAL WATER WELL ASSOCIATION, WORTHINGTON, OH.

Enforcement of Regulations Governing Ground Water Contamination from Underground Injection or Disposal of Salt Water in Kansas and Texas.
(EPA/600/2-85/034)
PB85-185916 **16**-*535,934* PC **A05**/MF **A01**

Innovative Means of Dealing with Potential Sources of Ground Water Contamination: Proceedings of the National Ground Water Quality Symposium (7th) Held at Las Vegas, Nevada on September 26-28, 1984.
(EPA/600/9-85/012)
PB85-196947 **17**-*537,812* PC **A23**/MF **A01**

DRASTIC: A Standardized System for Evaluating Ground Water Pollution Potential Using Hydrogeologic Settings.
(EPA/600/2-85/018)
PB85-228146 **22**-*550,127* PC **A09**/MF **A01**

NATIONAL WEATHER SERVICE, FORT WORTH, TX. SOUTHERN REGION.

NOAA-TM-NWS-SR-112
National Weather Service (NWS) Southern Region QPF (Quantitative Precipitation Forecasting) Workshop, 1985, Held at San Antonio, Texas on January 28-30, 1985.
PB85-199164 **18**-*539,806* PC **A06**/MF **A01**

NATIONAL WEATHER SERVICE, GARDEN CITY, NY. EASTERN REGION.

NOAA-NWS-ERCP-15
MDR - Processing Manually Digitized Radar Observations (Revised).
PB85-220580 **21**-*547,292* PC **A04**/MF **A01**

NOAA-NWS-ERCP-25
FTASUM: Aviation Forecast Summaries.
PB85-112977 **03**-*505,424* PC **A02**/MF **A01**

NOAA-NWS-ERCP-26
SAOSUM: A Short Summary of Observations.
PB85-120384 **04**-*508,093* PC **A02**/MF **A01**

NOAA-NWS-ERCP-27
TRAJ - Single Station Trajectory Plot.
PB85-135002 **06**-*512,780* PC **A02**/MF **A01**

NOAA-NWS-ERCP-28
VIDTEX.
PB85-175669 **14**-*530,951* PC **A03**/MF **A01**

NOAA-NWS-ERCP-29
Isentropic Plotter.
PB85-175651 **13**-*528,461* PC **A03**/MF **A01**

NOAA-NWS-ERCP-30
CERR: An Aviation Verification Program.
PB85-204824 **19**-*542,280* PC **A03**/MF **A01**

NOAA-NWS-ERCP-31
Correlation and Regression Equation Program - REGRS.
PB85-213353 **20**-*544,618* PC **A03**/MF **A01**

NOAA-NWS-ERCP-32
Scatter Diagram and Histogram Program - SCATR.
PB85-213346 **20**-*544,617* PC **A03**/MF **A01**

NOAA-NWS-ERCP-33
TIMCHEK.
PB85-221257 **21**-*547,294* PC **A03**/MF **A01**

NOAA-TM-NWS-ER-68
Comparison Among Various Thermodynamic Parameters for the Prediction of Convective Activity.
PB85-206217 **18**-*539,811* PC **A02**/MF **A01**

NATIONAL WEATHER SERVICE, KANSAS CITY, MO. CENTRAL REGION.

NOAA-TM-NWS-CR-72
Standard SHEF (Standard Hydrometeorologic Exchange Format) Decoder Version 1.1.
PB85-106508 **01**-*500,237* PC **A06**/MF **A01**

NOAA-TM-NWS-CR-73
Blizzard of February 4-5, 1984 over the Eastern Dakotas and Western Minnesota.
PB85-120087 **04**-*508,092* PC **A02**/MF **A01**

NOAA-TM-NWS-CR-74
Observation and Modeling of the Slope Winds of the Upper Current River Valley of Southeast Missouri and Their Relationship to Air-Mass Thunderstorm Formation.
PB85-226926 **22**-*549,446* PC **A03**/MF **A01**

NOAA-TM-NWS-CR-75
Complete Guide to Canadian Products in AFOS (Automation of Field Operations and Services).
PB85-228153 **22**-*549,449* PC **A06**/MF **A01**

NATIONAL WEATHER SERVICE, LAS VEGAS, NV. WEATHER SERVICE NUCLEAR SUPPORT OFFICE.

NVO-282
Analysis of Operation UPSHOT-KNOTHOLE Nuclear Test NANCY Radiological and Meteorological Data.
DE84014835 **01**-*502,229* PC **A04**/MF **A01**

NVO-285
Analysis of Operation Dominic II SMALL BOY Radiological and Meteorological Data.
DE85002805 **08**-*517,582* PC **A05**/MF **A01**

NATIONAL WEATHER SERVICE, SALT LAKE CITY, UT. WESTERN REGION.

NOAA-NWS-WRCP-1
Standardized Format for Computer Series.
PB85-109668 **03**-*506,162* PC **A02**/MF **A01**

NOAA-NWS-WRCP-2
AFOS (Automation of Field Operations and Services) Crop and Soil Information Report Program.
PB85-110419 **02**-*502,956* PC **A02**/MF **A01**

NOAA-NWS-WRCP-3
Decoder for Significant Level Transmissions of RAOBS.
PB85-109676 **03**-*506,163* PC **A02**/MF **A01**

NOAA-NWS-WRCP-6
Normal Maximum/Minimum Temperature Program for Montana.
PB85-112878 **02**-*502,965* PC **A02**/MF **A01**

NOAA-NWS-WRCP-7
Plotting of Ocean Wave Energy Spectral Data.
PB85-112860 **02**-*502,964* PC **A02**/MF **A01**

NOAA-NWS-WRCP-27
Animation of AFOS (Automation of Field Operations and Services) Graphics.
PB85-109833 **03**-*506,165* PC **A03**/MF **A01**

NOAA-NWS-WRCP-28
AFOS (Automation of Field Operations and Services) Interactive Graphics.
PB85-110401 **03**-*506,171* PC **A03**/MF **A01**

NOAA-NWS-WRCP-29
Computer Programs for Aviation Forecast Transmission.
PB85-110518 **02**-*502,957* PC **A02**/MF **A01**

NOAA-NWS-WRCP-30
AFOS (Automation of Field Operations and Services) Product Collective Program.
PB85-109841 **03**-*506,166* PC **A03**/MF **A01**

NOAA-NWS-WRCP-31
Graphic Display of FOUS Output.
PB85-109817 **03**-*506,164* PC **A03**/MF **A01**

NOAA-NWS-WRCP-32
Automation of Hourly Aviation Observation Calculations.
PB85-109650 **02**-*502,950* PC **A03**/MF **A01**

NOAA-NWS-WRCP-33
Mesoscale Objective Analysis. (Revised).
PB85-109825 **02**-*502,951* PC **A03**/MF **A01**

NOAA-NWS-WRCP-34
Orographic Snowfall Rate Model for Alta, Utah.
PB85-109874 **02**-*502,954* PC **A02**/MF **A01**

NOAA-NWS-WRCP-35
F-6 Monthly Climatic Summary Program for AFOS (Automation of Field Operations and Services).
PB85-109858 **02**-*502,952* PC **A02**/MF **A01**

NOAA-NWS-WRCP-36
Soaring Forecast Program.
PB85-112274 **02**-*502,963* PC **A02**

NOAA-NWS-WRCP-37
Program to Work up Climatic Summary Weather Service Forms (F-6, F-52).
PB85-109866 **02**-*502,953* PC **A02**/MF **A01**

NOAA-NWS-WRCP-38
Hovmoller Diagram.
PB85-112159 **03**-*505,422* PC **A03**/MF **A01**

NOAA-NWS-WRCP-39
850-Millibar Charts Derived from Surface Data.
PB85-112175 **03**-*505,423* PC **A03**/MF **A01**

NOAA-NWS-WRCP-40
AFOS (Automation of Field Operations and Services) Vector Graphic to Grid Point Program.
PB85-109544 **03**-*506,161* PC **A03**/MF **A01**

NOAA-NWS-WRCP-41
Pilot Briefing Program for the Background Partition.
PB85-109551 **02**-*502,948* PC **A03**/MF **A01**

NOAA-NWS-WRCP-42
VERDAT and Four Local Verification Routines: TEM, BRI, REL, AV.
PB85-109536 **02**-*502,947* PC **A03**/MF **A01**

NOAA-NWS-WRCP-42
AEV Local Verification for Aviation, Precipitation, and Temperature Programs: AV, REL, TEM.
PB85-179125 **14**-*530,954* PC **A03**/MF **A01**

NOAA-NWS-WRCP-42
AEV (AFOS Era Verification) Local Verification for Aviation, Precipitation, and Temperature Programs: AV, REL, TEM (May 1985 Revision).
PB85-210342 **19**-*542,285* PC **A03**/MF **A01**

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OBLOG (Designed to Create and Maintain a 49 Hour Observation Log File).
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NIIAR-7(572)
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NIIAR-36(601)
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NIIAR-41(606)
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NIIAR-47(562)
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A Panel of Monoclonal Antibodies Which Discriminate Neuroblastoma from Ewing's Sarcoma, Rhabdomyosarcoma, Neuroepithelioma, and Hematopoietic Malignancies.
AD-A157 654/5 **23**-*552,275* PC **A02**/MF **A01**

NMRI-85-14
Immunohistologic Detection and Phenotyping of Neuroblastoma Cells in Bone Marrow Using Cytoplasmic Neuron Specific Enolase and Cell Surface Antigens.
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NMRI-85-15
Depletion of Neuroblastoma Cells from Bone Marrow with Monoclonal Antibodies and Magnetic Immunobeads.
AD-A157 785/7 **24**-*554,987* PC **A02**/MF **A01**

NMRI-85-16
Statistically Based Decompression Tables. 1. Analysis of Standard Air Dives: 1950-1970.
AD-A157 555/4 **23**-*552,404* PC **A04**/MF **A01**

NMRI-85-17
Statistically Based Decompression Tables. 2. Equal Risk Air Diving Decompression Schedules.
AD-A157 606/5 **23**-*552,405* PC **A04**/MF **A01**

NMRI-85-20
Interaction between Penicillin Clindamycin or Metronidazole and Gentamicin Against Species of Clostridia and Anaerobic and Facultatively Anaerobic Gram-Positive cocci.
AD-A156 823/7 **22**-*549,900* PC **A02**/MF **A01**

NMRI-85-21
B Cells That Simultaneously Express Surface IgM and IgE in Nippostrongylus brasiliensis-Infected SJA/9 Mice Do Not Provide Evidence for Isotype Switching without Gene Deletion.
AD-A157 005/0 **22**-*549,790* PC **A02**/MF **A01**

NMRI-85-23
A Method for the Covalent Attachment of Cells to Glass Slides for Use in Immunohistochemical Assays.
AD-A157 675/0 **24**-*554,976* PC **A02**/MF **A01**

NMRI-85-25
Immunologic and Hematologic Perturbations in Models of Combined Injury.
AD-A157 826/9 **24**-*554,994* PC **A02**/MF **A01**

NMRI-85-26
The Role of Encapsulation in the Pathogenesis of Anaerobic Gram-Positive Cocci.
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NMRI-85-27
Sublethal Hemorrhage Impairs the Peritoneal Inflammatory Response in the Rat.
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NMRI-85-28
Enzyme-Linked Immunosorbent Assay for Detection of Antibodies to Pseudomonas aeruginosa Exoproteins.
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NMRI-85-29
Platelet Accumulation in Regions of Low Blood Flow during the Postischemic Period.
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NMRI-85-32
Diminished Pressor Response to Exogenous Norepinephrine and Angiotensin II in Septic, Unanesthetized Rats: Evidence for a Prostaglandin-Mediated Effect.
AD-A157 044/9 **22**-*549,796* PC **A02**/MF **A01**

NMRI-85-35
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AD-A157 079/5 **23**-*552,364* PC **A02**/MF **A01**

NMRI-85-36
In Vitro Antigen-Specific Antibody Response to the Species-Specific Surface Protein Antigens of Typhus Group Rickettsiae by Human Peripheral Blood Mononuclear Cells. Generation of an Antigen-Dependent Suppressor T Cell.
AD-A157 998/6 **24**-*555,018* PC **A02**/MF **A01**

NMRI-85-40
Effect of Prostacyclin, Indomethacin, and Heparin on Postischemic Nreve Cell Function.
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NMRI-85-41
Solubility Properties in Polymers and Biological Media. 2. The Correlation and Prediction of the Solubilities of Nonelectrolytes in Biological Tissues and Fluids.
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NMRI-85-42
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NMRL-84-38
Proposed Thermal Limits for Divers.
AD-A146 724/0 **02**-*503,449* PC **A03**/MF **A01**

Induction of Immunity to Toxins with Anti-Idiotypic Antibody.
AD-A146 793/5 **02**-*503,285* PC **A02**/MF **A01**

Pathogenicity of Aeromonas.
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NAMRU-2-TR-971
Hybridization between Brugia malayi and Brugia pahangi from South Kalimantan, Indonesia.
AD-A147 612/6 **04**-*508,469* PC **A02**/MF **A01**

NAMRU-2-TR-955
Infectious Disease Risks to Transmigrant Communities in Indonesia: A Survey in Lampung Province, Sumatra.
AD-A147 932/8 **04**-*508,491* PC **A02**/MF **A01**

NAMRU-2-TR-959
Recent Advances in the Immunoprophylaxis of Parasitic Diseases.
AD-A147 670/4 **04**-*508,474* PC **A02**/MF **A01**

NAMRU-2-TR-960
Prolonged Incubation Improves the Micro-Scale in-vitro Test for Drug Sensitivity of Plasmodium falciparum.
AD-A148 140/7 **04**-*508,501* PC **A02**/MF **A01**

NAMRU-2-TR-961
Intestinal Capillariasis in the Philippines and Thailand.
AD-A147 671/2 **04**-*508,475* PC **A03**/MF **A01**

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Duodenal String-Capsule Culture Compared with Bone-Marrow, Blood, and Rectal-Swab Cultures for Diagnosing Typhoid and Paratyphoid Fever.
AD-A147 944/3 **04**-*508,493* PC **A02**/MF **A01**

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NAMRU-2-TR-966
A Rapid Method to Identify Vibrio cholerae in Primary Culture by Coagglutination.
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NAMRU-2-TR-968
HLA (Human Leucocyte Antigens) Antigens and Malaria at San Lazaro Hospital, Manila, Philippines.
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NAMRU-2-TR-969
Reduction of Mortality in Chloramphenicol-Treated Severe Typhoid Fever by High-Dose Dexamethasone.
AD-A147 669/6 **04**-*508,473* PC **A02**/MF **A01**

NAMRU-2-TR-970
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NAMRU-2-TR-972
Subcutaneous and Cerebral Cysticercosis Treated with Praziquantel.
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Comparative Study of Three Blood Culture Systems for Isolation of Enteric Fever Salmonella.
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NAMRU-2-TR-974
Susceptibility of Oncomelania hupensis Subspecies to Infection with Geograpic Strains of Schistosoma japonicum.
AD-A147 790/0 **04**-*508,480* PC **A02**/MF **A01**

NAMRU-2-TR-975
A Survey of Adult Mosquitoes on Lombok Island, Republic of Indonesia.
AD-A157 179/3 **23**-*552,227* PC **A02**/MF **A01**

NAMRU-2-TR-976
Plesiomonas shigelloides in 11 Cases with Diarrhea at the San Lazaro Hospital.
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A Case of Subcutaneous and Cerebral Cysticercosis Treated with Praziquantel.
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NAMRU-2-TR-978
Changing Patterns of Some Trematode Infections in Asia.
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NAMRU-2-TR-979
Studies of Resistance to Chloroquine, Quinine, Amodiaquine and Mefloquine among Philippine Strains of Plasmodium falciparum.
AD-A157 178/5 **23**-*552,367* PC **A02**/MF **A01**

NAMRU-2-TR-980
Autochthonous Cutaneous-Subcutaneous Leishmaniasis on Taiwan.
AD-A157 180/1 **23**-*552,249* PC **A02**/MF **A01**

NMRU-2-TR-967
Comparison of Immunity to Malaria in Sudan and Indonesia: Crisis-Form Versus Merzoite-Invasion Inhibition.
AD-A147 672/0 **04**-*508,476* PC **A02**/MF **A01**

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NAMRU-ACC-1357
Schistosomiasis and Praziquantel.
AD-A148 385/8 **05**-*511,120* PC **A02**/MF **A01**

NAMRU-ACC-1361
Ticks of Saudi Arabia Argas (Persicargas) streptopelia (Fam. Argasidae), a Parasite of Doves in Saudi Arabia.
AD-A148 473/2 **05**-*510,975* PC **A02**/MF **A01**

NAMRU-ACC-1368
The Subgenus Persicargas (Ixodoidea: Argasidae: Argas). 38. Haller's Organ Roof and Anterior Pit Setae in Persicargas and Microargas.
AD-A148 099/5 **04**-*508,424* PC **A02**/MF **A01**

NAMRU-ACC-1376
Lymphocyte Antigens and Receptors.
AD-A150 213/7 **10**-*521,452* PC **A02**/MF **A01**

NAMRU-ACC-1377
Treatment of Hymenolepis nana with a Single Oral Dose of Praziquantel.
AD-A150 212/9 **10**-*521,451* PC **A02**/MF **A01**

NAMRU-ACC-1378
Ornithodoros (Alectorobius) Yunkeri, New Species (Acari: Ixodoidea:Argasidae) from Seabirds and Nesting Sites in the Galapagos Islands.
AD-A149 856/7 **10**-*521,768* PC **A02**/MF **A01**

NAMRU-ACC-1381
Borrelia crocidurae Localization and Transmission in Ornithodoros Erraticus and O. (Orinithodoros) savignyi.
AD-A150 211/1 **10**-*521,598* PC **A02**/MF **A01**

NAMRU-ACC-1382
Ticks and Tickborne Viruses.
AD-A150 186/5 **10**-*521,448* PC **A02**/MF **A01**

NAMRU-ACC-1384
Treatment of Bilharzial Obstructive Uropathy with Praziquantel.
AD-A150 187/3 **10**-*521,449* PC **A02**/MF **A01**

NAMRU-3-ACC-1360
Chronic Hepatitis B in Patients with Schistosomiasis Mansoni.
AD-A148 410/4 **05**-*511,015* PC **A02**/MF **A01**

NAMRU-3-ACC-1362
Ticks of Saudi Arabia Hyalomma (Hyalommina) arabica (Fam. Ixodidae), a Parasite of Goats and Sheep in Saudi Arabia.
AD-A148 364/3 **05**-*510,973* PC **A02**/MF **A01**

NAMRU-3-ACC-1364
Physiology of Ticks: Book Review.
AD-A148 218/1 **05**-*510,972* PC **A02**/MF **A01**

NAMRU-3-ACC-1367
Observations on the Subgenus Argas (Ixodoidea: Argasidae: Argas). 18. Haller's Organ Roof and Anterior Pit Setae.
AD-A148 148/0 **04**-*508,425* PC **A02**/MF **A01**

NAMRU-3-ACC-1369
Hosts and Distribution of the Bird-Parasitizing Tick Ixodes (Ixodes) euplecti in Africa.
AD-A148 149/8 **04**-*508,426* PC **A02**/MF **A01**

NAMRU-3-ACC-1370
Meningitis: Clinical and Diagnostic Features.
AD-A148 142/3 **04**-*508,502* PC **A02**/MF **A01**

NAMRU-3-ACC-1371
An Experimental Study of Rift Valley Fever Virus in Common Egyptian Ixodid Ticks.
AD-A148 177/9 **04**-*508,507* PC **A02**/MF **A01**

NAMRU-3-ACC-1372
Dermacentor (Indocentor) Auratus (Acari Ixodoidea: Ixodidae): Identity of Male and Female.
AD-A148 197/7 **05**-*510,971* PC **A02**/MF **A01**

NAMRU-3-ACC-1373
Dermacentor (Indocentor) compactus (Acari:Ixodoidea:Ixodidae): Wild Pigs and Other Hosts and Distribution in Malaysia, Indonesia, and Borneo.
AD-A149 141/4 **08**-*516,146* PC **A02**/MF **A01**

NAMRU-3-ACC-1374
Beta-Ecdysone Effects on the Camel Tick, Hyalomma dromedarii (Acari:Ixodidae).
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NAMRU-3-ACC-1379
Abdominal Circumference at the Hump as an Index of Body Weight in Dromedary Camels.
AD-A150 206/1 **10**-*521,408* PC **A02**/MF **A01**

NAMRU-3-ACC-1380
Fecundity-Reducing Pheromone in Argas(Periscargas) arboreus (Ixodoidea:Argaside).
AD-A149 857/5 **10**-*521,555* PC **A02**/MF **A01**

NAMRU-3-ACC-1387
Nuttalliella namaqua (Ixodoidea: Nuttalliellidae): Female Internal Morphology.
AD-A150 168/3 **10**-*521,406* PC **A02**/MF **A01**

NAMRU-3-PR-11/84
Schistosomiasis and Praziquantel.
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NAMRU-3-PR-12/84
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NAMRU-3-PR-16/84
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NAMRU-3-PR-18/84
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NAMRU-3-PR-19/84
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NAMRU-3-PR-21/84
Dermacentor (Indocentor) Auratus (Acari Ixodoidea: Ixodidae): Identity of Male and Female.
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NAMRU-3-PR-22/84
Dermacentor (Indocentor) compactus (Acari:Ixodoidea:Ixodidae): Wild Pigs and Other Hosts and Distribution in Malaysia, Indonesia, and Borneo.
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NAMRU-3-PR-23/84
Beta-Ecdysone Effects on the Camel Tick, Hyalomma dromedarii (Acari:Ixodidae).
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NAMRU-3-PR-24/84
Lymphocyte Antigens and Receptors.
AD-A150 213/7 **10**-*521,452* PC **A02**/MF **A01**

NAMRU-3-PR-25/84
Treatment of Hymenolepis nana with a Single Oral Dose of Praziquantel.
AD-A150 212/9 **10**-*521,451* PC **A02**/MF **A01**

NAMRU-3-PR-26/84
Ornithodoros (Alectorobius) Yunkeri, New Species (Acari: Ixodoidea:Argasidae) from Seabirds and Nesting Sites in the Galapagos Islands.
AD-A149 856/7 **10**-*521,768* PC **A02**/MF **A01**

NAMRU-3-PR-27/84
Abdominal Circumference at the Hump as an Index of Body Weight in Dromedary Camels.
AD-A150 206/1 **10**-*521,408* PC **A02**/MF **A01**

NAMRU-3-PR 28/84
Fecundity-Reducing Pheromone in Argas(Periscargas) arboreus (Ixodoidea:Argaside).
AD-A149 857/5 **10**-*521,555* PC **A02**/MF **A01**

NAMRU-3-PR-29/84
Borrelia crocidurae Localization and Transmission in Ornithodoros Erraticus and O. (Orinithodoros) savignyi.
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NAMRU-3-PR-33/84
Nuttalliella namaqua (Ixodoidea: Nuttalliellidae): Female Internal Morphology.
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NAMRU-17/84
The Subgenus Persicargas (Ixodoidea: Argasidae: Argas). 38. Haller's Organ Roof and Anterior Pit Setae in Persicargas and Microargas.
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NORDA-51
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NORDA-60
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NORDA-72
Map Design for Computer Processing: Literature Review and DMA Product Critique.
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NORDA-75
Conservation Law Related to Kelvin's Circulation Theorem.
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NORDA-85
Geoacoustic Models: Washington State Continental Margin.
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NORDA-93
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NORDA-93
Data Analysis of Airborne Electromagnetic Bathymetry.
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NORDA-94
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NAVAL OCEAN SYSTEMS CENTER, SAN DIEGO, CA.

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NRL-MR-5416
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AD-P004 121/0 **04**-*509,389* PC **A02**/MF **A01**

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AD-P004 122/8 **04**-*509,390* PC **A02**/MF **A01**

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AD-P004 557/5 **15**-*534,713* PC **A02**/MF **A01**

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AD-P004 577/3 **15**-*534,345* PC **A03**/MF **A01**

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AD-P004 581/5 **15**-*534,507* PC **A03**/MF **A01**

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AD-P004 582/3 **15**-*534,348* PC **A02**/MF **A01**

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PB85-206761 **19**-*544,076*
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DE85009962 **17**-*538,847* PC **A02**/MF **A01**

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DE85013088 **22**-*551,005* PC **A03**/MF **A01**

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BULL-48-PT-1
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AD-A148 082/1 **04**-*510,356* PC **A08**/MF **A01**

BULL-48-PT-2
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AD-A148 083/9 **04**-*510,357* PC **A11**/MF **A01**

BULL-48-PT-3
Shock and Vibration Bulletin. Part 3. Structural Analysis, Fatigue.
AD-A148 084/7 **04**-*510,358* PC **A06**/MF **A01**

BULL-48-PT-4
Shock and Vibration Bulletin. Part 4. Vibration Testing, Instrumentation, Loads and Environments, Tracked Vehicles.
AD-A148 085/4 **04**-*510,359* PC **A10**/MF **A01**

BULL-54-PT-1
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AD-A148 131/6 **04**-*510,360* PC **A07**/MF **A01**

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AD-A148 132/4 **04**-*510,361* PC **A12**/MF **A01**

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AD-A157 622/2 **23**-*552,204* PC **A03**/MF **A01**

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AD-A157 676/8 **24**-*554,977* PC **A05**/MF **A01**

RP-1-83
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AD-A148 471/6 **05**-*511,017* PC **A02**/MF **A01**

RP-1-84
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RP-2-83
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RP-3-84
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RP-4-84
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RR-3-85
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CONF-830660-10
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CONF-8305259-7
Point Lepreau G.S. (Generating Station) Commissioning Management Experience.
DE85781422 **25**-*559,288* PC **A03**/MF **A01**

INIS-mf-9601
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PB85-214930 20-545,774 PC A06/MF A01

RR-45
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PB85-214963 20-545,776 PC A04/MF A01

RR-47
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DE85005575 **13**-*530,044* PC **A02**/MF **A01**

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N85-16325/1 **10**-*521,026* PC **A03**/MF **A01**

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PB85-108108 **01**-500,702 PC **A03**/MF **A01**

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Statistical Approach to Relaxation in Glassy Materials.
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(USGS/G-860(03))
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(AFOSR-TR-85-0568)
AD-A158 302/0 **25**-*557,879* PC **A02**/MF **A01**

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AD-A158 308/7 **25**-*557,902* PC **A02**/MF **A01**

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AD-A158 309/5 **25**-*557,903* PC **A02**/MF **A01**

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DE84009230 **02**-*503,533* PC **A02**/MF **A01**

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Comparison of Low-Rank Coal Ash Sintering Characteristics with Pilot Plant Ash Fouling Tendencies.
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Changes in Asphaltenes and Preasphaltenes with Reaction Conditions and Effects on Coal Structure.
DE84010164 **02**-*505,154* PC **A02**/MF **A01**

CONF-840859-1
Influence of Coal-Specific Fly Ash Properties Upon Baghouse Performance: A Comparison of Two Extreme Examples.
DE84016952 **02**-*504,308* PC **A02**/MF **A01**

CONF-840924-2
Mechanical and Thermal Friability of Coals and Modes of Water Bonding.
DE85001612 **05**-*512,590* PC **A03**/MF **A01**

CONF-841048-3
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DE84010295 **01**-*502,674* PC **A02**/MF **A01**

CONF-841155-2
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CONF-850211-5
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DE85007771 **13**-*529,087* PC **A02**/MF **A01**

CONF-850302-1
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Uses of Dielectric Spectra and Immersional Calorimetry in the Characterization of Low-Rank Coals.
DE85003165 **13**-*530,587* PC **A02**/MF **A01**

CONF-850417-4
Coal Liquefaction with sup 13 C Labelled Carbon Monoxide.
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Formation of Hydantoins in Gasifier Condensate Water.
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DE85008919 **14**-*532,783* PC **A02**/MF **A01**

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DE85010357 **18**-*541,967* PC **A02**/MF **A01**

CONF-850565-4
FBC: An Environmentally and Economically Acceptable Alternative for Burning Low-Rank Coal.
DE85012018 **19**-*543,336* PC **A02**/MF **A01**

CONF-850625-1
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DE85012822 **22**-*549,996* PC **A02**/MF **A01**

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DE85009611 **24**-*557,099* PC **A02**/MF **A01**

CONF-850942-5
Catalytic Upgrading of Solvent-Refined Lignite Using Hydrogen Sulfide and Prepared Iron Oxide-Supported Catalysts.
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CONF-850942-6
Effects of Pyrolysis Conditions and Coal Type on the Nature of Water-Soluble Organic Effluents.
DE85010179 **25**-*559,841* PC **A02**/MF **A01**

CONF-850942-7
Extraction of a North Dakota Lignite with Supercritical Aliphatic Solvents.
DE85009963 **17**-*539,564* PC **A02**/MF **A01**

CONF-851003-5
Characterization of the Components of Lithologic Layers of North Dakota Lignites.
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CONF-8505123-2
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CONF-8505160-1
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Comparison of Low-Rank Coal Ash Sintering Characteristics with Pilot Plant Ash Fouling Tendencies.
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Influence of Coal-Specific Fly Ash Properties Upon Baghouse Performance: A Comparison of Two Extreme Examples.
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Pilot-Scale Treatment of Gasification Wastewater and Reuse in a Cooling Tower.
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DE85004658 **13**-*530,597* PC **A02**/MF **A01**

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Changes in Asphaltenes and Preasphaltenes with Reaction Conditions and Effects on Coal Structure.
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DE85010159 **18**-*541,962* PC **A02**/MF **A01**

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Palynomorphs of the Hagel Bed (Lignite), Sentinel Butte Formation, North Dakota.
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Preparation of Hot-Water-Dried LRC-Water Fuel Slurries.
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Effects of Sulfur Retention in Ash on Mass Balance Calculations.
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Effects of Ion-Exchangeable Cations on Coal Ash Mineralogy.
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Process Performance of Pilot-Scale Activated Sludge Treatment of Pretreated Coal Gasification Wastewater.
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Production and Combustion of Hot-Water Dried Low-Rank Coal Slurries.
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Catalytic Upgrading of Solvent-Refined Lignite Using Hydrogen Sulfide and Prepared Iron Oxide-Supported Catalysts.
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Hydrothermal Preparation of Low-Rank Coal/Water Fuel Slurries.
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Methanol Chemical Ionization of Ketones and Aldehydes.
DE85012016 **19**-*542,802* PC **A02**/MF **A01**

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Correlation of Coal Characteristics and Fouling Tendencies of Various Coals from the Gascoyne Mine.
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Effects of Pyrolysis Conditions and Coal Type on the Nature of Water-Soluble Organic Effluents.
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Extraction of a North Dakota Lignite with Supercritical Aliphatic Solvents.
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DE85013984 **23**-*554,437* PC **A02**/MF **A01**

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DE85012822 **22**-*549,996* PC **A02**/MF **A01**

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Distribution of Inorganics in Low-Rank Coals.
DE85015594 **25**-*559,894* PC **A02**/MF **A01**

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DE85015763 **25**-*559,845* PC **A02**/MF **A01**

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TR-17
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TR-18
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TR-19
X-Ray Elastic Constants and Their Meaning for Al and Fe.
AD-A158 251/9 **24**-*555,736* PC **A02**/MF **A01**

TR-20
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AD-A158 882/1 **25**-*558,968* PC **A02**/MF **A01**

TR-21
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AD-A158 938/1 **25**-*558,393* PC **A03**/MF **A01**

TR-22
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TR-15
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AD-A156 778/3 **22**-*551,749* PC **A02**/MF **A01**

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AD-A150 844/9 **11**-*525,581* PC **A02**/MF **A01**

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Optimization-Based Model For Designing and Evaluating Transit Fare Policies.
(UMTA-IL-06-0054-84-1)
PB85-118016 **04**-*509,645* PC **A10**/MF **A01**

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(DOT/DF-85/001A)
PB85-121695 **05**-*511,837* PC **A09**/MF **A01**

Development of Hybrid Cost Functions from Engineering and Statistical Techniques: The Case of Rail. Phase 2 Final Report.
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PB85-170793 **13**-*528,475* PC **A05**/MF **A01**

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Comparative Laboratory Tests on Wave Transmission and Wave Reflection.
PB85-122372 **04**-*509,688* PC **E04**/MF **E04**

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Supersaturation of Dissolved Air in the Waterways of Hydroelectric Power Plants: Causal Relationships, Detrimental Effects and Preventive Measures.
PB85-218303 **20**-*545,443* PC **E06**/MF **E06**

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PB85-163756 **11**-*524,130* PC **E04**/MF **E04**

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PB85-122406 **04**-*508,905* PC **E03**/MF **E03**

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PB85-121572 **04**-*508,611* PC **E04**/MF **E04**

NUTEC-57/83
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PB85-121572 **04**-*508,611* PC **E04**/MF **E04**

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PB85-167088 **12**-*527,291* PC **A04**/MF **A01**

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Cold Weather Transit Technology Program. Volume 14. RF (Radio Frequency) Coupling to Complex Geometric Shapes.
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PB85-103794 **01**-*501,857* PC **A06**/MF **A01**

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(UMTA-IN-06-0009-83-9)
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NAS 1.26:175670
Structure of Separated Flow Regions Occurring Near the Leading Edge of Airfoils, Including Transition.
(NASA-CR-175670)
N85-23703/0 **17**-*537,002* PC **A03**/MF **A01**

Numerical Simulations of the Effect of Floor and Ceiling Venting on Fire and Smoke Spread in Aircraft Cabins.
(NBS/GCR-84/479)
PB85-178333 **12**-*525,868* PC **A04**/MF **A01**

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DE85007239 **13**-*528,913* PC **A02**/MF **A01**

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TR-1
Separating Polymer Solutions Using High Pressure LCST (Lower Critical Solution Temperature) Phenomena.
AD-A151 538/6 **12**-*527,150* PC **A02**/MF **A01**

TR-2
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AD-A154 514/4 **18**-*540,297* PC **A02**/MF **A01**

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Technology Assessment of Sequencing Batch Reactors.
(EPA/600/2-85/007)
PB85-167245 **12**-*527,293* PC **A05**/MF **A01**

Potential for Coal-Related Groundwater Contamination in the Atlantic Coastal Plain Soils of Maryland.
(PPSP/PPRP-95)
PB85-168193 **12**-*526,868* PC **A08**/MF **A01**

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(NASA-CR-175831)
N85-26713/6 **19**-*544,418* PC **A12**/MF **A01**

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(NASA-CR-175832)
N85-26714/4 **19**-*544,419* PC **A07**/MF **A01**

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NUREG-1047-SUP-N1 20-546,405 PC A03/MF A01

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NUREG-1048 04-510,120 PC A99/MF E04

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NUREG-1048-SUP-N1 12-527,845 PC A05/MF A01

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NUREG-1048-SUP-N2 21-548,962 PC A05/MF A01

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NUREG-1064 07-515,371 PC A17/MF A01

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NUREG-1086 07-515,464 PC A05/MF A01

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NUREG-1087 14-532,443 PC A20/MF A01

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NUREG-1088 03-507,166 PC A22/MF A01

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NUREG-1089 12-527,846 PC A22/MF A01

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NUREG-1096 14-532,521 PC A05/MF A01

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NUREG-1097 03-507,167 PC A21/MF A01

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NUREG-1098 11-525,267 PC A04/MF A01

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NUREG-1099 05-512,354 PC A22/MF A01

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Licensee Event Report (LER) Compilation for the Month of January 1985.
NUREG/CR-2000-V4-N1
11-*525,044* PC **A04**/MF **A01**

ORNL/NSIC-200-VOL-4-NO-2
Licensee Event Report (LER) Compilation for Month of February 1985.
NUREG/CR-2000-V4-N2
13-*530,034* PC **A04**/MF **A01**

ORNL/NSIC-2000-VOL-4-NO-3
Licensee Event Report (LER) Compilation for the Month of March 1985.
NUREG/CR-2000-V4-N3
15-*534,558* PC **A05**/MF **A01**

ORNL/PPA-84/4
Oak Ridge National Laboratory Institutional Plan FY 1985-FY 1990.
DE85003716 **08**-*515,877* PC **A06**/MF **A01**

ORNL/PPA-85/1
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DE85006543 **11**-*523,546* PC **A04**/MF **A01**

ORNL/SGMP-84/2
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DE85004941 **12**-*527,071* PC **A06**/MF **A01**

ORNL/SGMP-85/1
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DE85013544 **23**-*554,427* PC **A06**/MF **A01**

ORNL/SUB/79-7778/3
SAMCR: A Two-Dimensional Dynamic Finite Element Code for the Stress Analysis of Moving Cracks.
NUREG/CR-3891 **05**-*512,514* PC **A13**/MF **A01**

ORNL/Sub-79/33200/5
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DE82005671 **24**-*556,232* PC **A03**/MF **A01**

ORNL/SUB-81-9088/2
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NUREG/CR-3889 **15**-*534,677* PC **A13**/MF **A01**

ORNL/TM-6803/S5
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DE85015052 **24**-*554,950* PC **A02**/MF **A01**

ORNL/TM-7179/R1
Oak Ridge National Laboratory Shipping Containers for Radioactive Materials.
DE85004772 **11**-*525,063* PC **A11**/MF **A01**

ORNL/TM-7906
Observations of Low Frequency Plasma Fluctuations in ELMO Bumpy Torus.
DE85003796 **08**-*517,434* PC **A04**/MF **A01**

ORNL/TM-7948/V1
Fusion Engineering Device Design Description.
DE82011294 **24**-*556,233* PC **A24**/MF **A01**

ORNL/TM-8018
Large Climate-Moderating Envelopes for Enclosed Structures: A Preliminary Evaluation of Energy Conservation Potential.
DE82007132 **24**-*555,885* PC **A06**/MF **A01**

ORNL/TM-8462
Flowsheets and Source Terms for Radioactive Waste Projections.
DE85009456 **20**-*546,228* PC **A07**/MF **A01**

ORNL/TM-8591
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DE85004947 **11**-*525,743* PC **A05**/MF **A01**

ORNL/TM-8622
ORNL ALPHAMA MIS User's Manual.
DE85001690 **05**-*511,499* PC **A04**/MF **A01**

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DE84017635 **03**-*507,079* PC **A07**/MF **A01**

ORNL/TM-8652
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DE85000156 **08**-*517,094* PC **A04**/MF **A01**

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DE84006206 **02**-*502,998* PC **A03**/MF **A01**

ORNL/TM-8664/V2
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NUREG/CR-3514-V2 **20**-*544,998* PC **A02**/MF **A01**

ORNL/TM-8668
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DE85004948 **09**-*520,143* PC **A05**/MF **A01**

ORNL/TM-8675
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DE84016643 **02**-*505,188* PC **A04**/MF **A01**

ORNL/TM-8723
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DE84016577 **02**-*503,306* PC **A03**/MF **A01**

ORNL/TM-8726
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DE85005680 **13**-*529,363* PC **A13**/MF **A01**

ORNL/TM-8835
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DE85001495 **05**-*511,836* PC **A03**/MF **A01**

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DE85006523 **12**-*526,373* PC **A05**/MF **A01**

ORNL/TM-8864
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DE85004945 **11**-*523,299* PC **A05**/MF **A01**

ORNL/TM-8869
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NUREG/CR-3442 **26**-*561,521* PC **E13**/MF **A01**

ORNL/TM-8872
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DE85004391 **09**-*520,142* PC **A04**/MF **A01**

ORNL/TM-8873
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DE85002865 **08**-*516,882* PC **A04**/MF **A01**

ORNL/TM-8904
Simulation Approach to Understanding the Processes That Structure Food Webs.
DE84016583 **02**-*503,384* PC **A08**/MF **A01**

ORNL/TM-8906
Pressure Suppression Pool Thermal Mixing.
NUREG/CR-3471 **03**-*507,044* PC **A09**/MF **A01**

ORNL/TM-8938
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DE85012066 **20**-*546,867* PC **A02**/MF **A01**

ORNL/TM-8940
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DE85001698 **06**-*513,511* PC **A03**/MF **A01**

ORNL/TM-8946
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DE85001731 **04**-*509,628* PC **A05**/MF **A01**

ORNL/TM-8954
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DE85003817 **11**-*525,697* PC **A09**/MF **A01**

ORNL/TM-8955
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DE85008759 **14**-*531,826* PC **A06**/MF **A01**

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ORNL/TM-8983
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DE85003546 **08**-*517,554* PC **E06**/MF **A01**

ORNL/TM-9000
COXPRO-II: A Computer Program for Calculating Radiation and Conduction Heat Transfer in Irradiated Fuel Assemblies.
DE85005665 **12**-*527,757* PC **A06**/MF **A01**

ORNL/TM-9016
Interfacial Segregation and Fracture.
DE85009779 **16**-*536,141* PC **A04**/MF **A01**

ORNL/TM-9030
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DE84016554 **02**-*504,771* PC **A05**/MF **A01**

ORNL/TM-9035
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DE84016581 **09**-*518,794* PC **A02**/MF **A01**

ORNL/TM-9038
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DE84017642 **03**-*506,650* PC **A16**/MF **A01**

ORNL/TM-9041-VOL-2
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NUREG/CR-3626-V2 **14**-*532,512* PC **A14**/MF **A01**

ORNL/TM-9045
Analysis of Weldment Mechanical Properties of Modified 9 Cr-1 Mo Steel.
DE85012618 **25**-*558,425* PC **A03**/MF **A01**

ORNL/TM-9046
Ultrasonic Characterization of Advanced Composite Flywheels.
DE85000158 **05**-*511,637* PC **A05**/MF **A01**

ORNL/TM-9052
Exposure of Tubular Ceramic Heat Exchanger Materials to Refractory Coal Ash from Coal-Oil-Mixture Combustion.
DE84017290 **03**-*506,373* PC **A04**/MF **A01**

ORNL/TM-9054
Local Stability Tests in Dresden 2 Boiling Water Reactor.
DE84010612 **02**-*504,763* PC **A03**/MF **A01**

ORNL/TM-9060
ORNL (Oak Ridge National Laboratory) Resource Conservation and Recovery Training Program.
DE85000167 **07**-*514,526* PC **A04**/MF **A01**

ORNL/TM-9062
Spark Decomposition of SF sub 6 ; Toxicity of by-Products.
DE85000161 **07**-*514,692* PC **A07**/MF **A01**

ORNL/TM-9067
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NUREG/CR-3651 **17**-*539,155* PC **A04**/MF **A01**

ORNL/TM-9070
Unit Release Risk Analysis for Environmental Contaminants of Potential Concern in Synthetic Fuels Technologies.
DE85005667 **11**-*523,909* PC **A07**/MF **A01**

ORNL/TM-9074
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DE85005668 **12**-*526,500* PC **A08**/MF **A01**

ORNL/TM-9077
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DE85003790 **08**-*517,467* PC **A02**/MF **A01**

ORNL/TM-9083
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DE84016578 **02**-*504,971* PC **A07**/MF **A01**

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ORNL/TM-9092
Investigation of Subsurface Mercury at the Oak Ridge Y-12 Plant.
DE85003816 **12**-*527,255* PC **A12**/MF **A01**

ORNL/TM-9096
Inhalation Pathway Risk Assessment of Hazardous Waste Incineration Facilities.
DE85001694 **05**-*511,155* PC **A07**/MF **A01**

ORNL/TM-9097
Laser Measurements of Distances from the ORELA Neutron Target to Experiment Stations Along Flight Paths 1 and 6.
DE85009457 **15**-*534,814* PC **A03**/MF **A01**

ORNL/TM-9099
2240-MW(TH) High-Temperature Reactor Core Power Density Study.
DE85001738 **07**-*515,443* PC **A02**/MF **A01**

ORNL/TM-9108
Weldability and Mechanical Property Characterization of Weld Clad Alloy 800H Tubesheet Forging.
DE85001737 **05**-*512,330* PC **A02**/MF **A01**

ORNL/TM-9110
ELMO Bumpy Square.
DE85000664 **11**-*524,950* PC **A11**/MF **A01**

ORNL/TM-9115
Steel Castings by the Electroslag Casting Technique.
DE85003812 **08**-*516,898* PC **A03**/MF **A01**

ORNL/TM-9116
Laboratory Stress Corrosion Cracking Studies in Polythionic Acid.
DE85002245 **05**-*511,698* PC **A03**/MF **A01**

ORNL/TM-9118
Assessment of Purex Solvent Cleanup Methods Using a Mixer-Settler System.
DE85003514 **09**-*520,010* PC **A04**/MF **A01**

ORNL/TM-9120
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DE85004767 **10**-*521,556* PC **A07**/MF **A01**

ORNL/TM-9128
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DE84016573 **02**-*505,034* PC **A03**/MF **A01**

ORNL/TM-9134
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DE85003810 **08**-*516,897* PC **A05**/MF **A01**

ORNL/TM-9135
Design, Construction, and Testing of a 2000 Deg C Furnace and Fission Product Collection System.
NUREG/CR-3715 **03**-*507,206* PC **A04**/MF **A01**

ORNL/TM-9146
Site Characterization Techniques Used at a Low-Level Waste Shallow Land Burial Field Demonstration Facility.
DE84016742 **02**-*504,694* PC **A08**/MF **A01**

ORNL/TM-9149
Effect of Temperature on the Stress-Relaxation Response of a Pressure Vessel Steel.
NUREG/CR-3728 **07**-*514,989* PC **A02**/MF **A01**

ORNL/TM-9150
Environmental Effects of the Uranium Fuel Cycle: A Review of Data for Technetium.
NUREG/CR-3738 **11**-*525,205* PC **A07**/MF **A01**

ORNL/TM-9153
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DE85001692 **04**-*510,015* PC **A03**/MF **A01**

ORNL/TM-9154/V2
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NUREG/CR-3744-V2 **07**-*515,453* PC **A11**/MF **A01**

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DE85013538 **23**-*553,919* PC **A05**/MF **A01**

ORNL/TM-9161
Vapor Pressure of Plutonium Carbide Adsorbed on Graphite.
DE85003798 **11**-*525,233* PC **A02**/MF **A01**

ORNL/TM-9163
BWR-LTAS: A Boiling Water Reactor Long-Term Accident Simulation Code.
NUREG/CR-3764 **10**-*522,829* PC **A08**/MF **A01**

ORNL/TM-9164
Theoretical and Numerical Studies of Magnetic Field Line Displacements in an Elmo Bumpy Torus.
DE85008757 **15**-*534,534* PC **A03**/MF **A01**

ORNL/TM-9165
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DE85001733 **04**-*509,314* PC **A04**/MF **A01**

ORNL/TM-9166
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NUREG/CR-3814 **03**-*507,049* PC **A03**/MF **A01**

ORNL/TM-9170
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DE85001492 **05**-*511,639* PC **A04**/MF **A01**

ORNL/TM-9172
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DE84016638 **02**-*504,072* PC **A03**/MF **A01**

ORNL/TM-9177
Comparison of Toxicity to Terrestrial Plants with Algal Growth Inhibition by Herbicides.
DE85000157 **05**-*511,151* PC **A04**/MF **A01**

ORNL/TM-9178
Chemical Factors Affecting Fission Product Transport in Severe LMFBR Accidents.
DE85003787 **08**-*517,589* PC **A06**/MF **A01**

ORNL/TM-9179
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DE84017648 **03**-*507,413* PC **E08**/MF **A01**

ORNL/TM-9179/R1
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DE85015077 **24**-*556,300* PC **A04**/MF **A01**

ORNL/TM-9180
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DE85004950 **11**-*523,998* PC **A04**/MF **A01**

ORNL/TM-9182
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DE84016635 **02**-*505,035* PC **A03**/MF **A01**

ORNL/TM-9183
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DE85003824 **08**-*517,435* PC **A02**/MF **A01**

ORNL/TM-9185
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DE85001497 **05**-*512,210* PC **A04**/MF **A01**

ORNL/TM-9187
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DE84017638 **03**-*507,175* PC **A03**/MF **A01**

ORNL/TM-9191/V2
Progress in Evaluation of Radionuclide Geochemical Information Developed by DOE (Department of Energy) High-Level Nuclear Waste Repository Site Projects: Report for January - March 1984.
NUREG/CR-3851-V2 **05**-*512,281* PC **A04**/MF **A01**

ORNL/TM-9191/V3
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NUREG/CR-3851-V3 **07**-*515,419* PC **A03**/MF **A01**

ORNL/TM-9193
Monte Carlo Studies of Transport in Stellarators.
DE84017633 **03**-*506,941* PC **A02**/MF **A01**

ORNL/TM-9194
Corrosion Studies at the Wilsonville, Alabama, Coal Liquefaction Facility During 1983.
DE85003805 **08**-*516,896* PC **A03**/MF **A01**

ORNL/TM-9197
Toxicological Evaluation of Materials from the H-Coal Pilot Plant.
DE85007309 **12**-*526,530* PC **A05**/MF **A01**

ORNL/TM-9198
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DE84017477 **03**-*505,808* PC **A04**/MF **A01**

ORNL/TM-9201
Transient Waveform Acquisition System for the ELMO Bumpy Torus.
DE85000154 **06**-*514,191* PC **A04**/MF **A01**

ORNL/TM-9204
Model of the World Oil Market with an OPEC Cartel.
DE85001498 **05**-*512,586* PC **A03**/MF **A01**

ORNL/TM-9206
Stochastic Particle Diffusion in Velocity Space for EBT-S.
DE84017649 **03**-*507,636* PC **A02**/MF **A01**

ORNL/TM-9210
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DE85001732 **05**-*512,506* PC **A03**/MF **A01**

ORNL/TM-9215
One-Dimensional Modeling of Radial Heat Removal During Depressurized Heatup Transients in Modular Pebble-Bed and Prismatic High Temperature Gas-Cooled Reactors.
DE84016746 **02**-*504,648* PC **A10**/MF **A01**

ORNL/TM-9216
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NUREG/CR-3831 **10**-*522,640* PC **A06**/MF **A01**

ORNL/TM-9217/V2
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NUREG/CR-3830-V2 **07**-*515,424* PC **A03**/MF **A01**

ORNL/TM-9219
Electrostatic Confinement in a Bumpy Torus.
DE85003794 **09**-*520,611* PC **A02**/MF **A01**

ORNL/TM-9220
Specifications for High Flux Isotope Reactor Fuel Elements HFIR-FE-3.
DE84016574 **02**-*504,798* PC **A03**/MF **A01**

ORNL/TM-9223
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DE84016575 **02**-*504,536* PC **A03**/MF **A01**

ORNL/TM-9225
Development and Evaluation of Multispecies Test Protocols for Assessing Chemical Toxicity.
DE85013526 **22**-*549,951* PC **A08**/MF **A01**

ORNL/TM-9229
Site Characterization of the West Chestnut Ridge Site.
DE85001695 **12**-*527,741* PC **A07**/MF **A01**

ORNL/TM-9230
Background Calculations for the Measurement of the Ion Temperature in a Deuterium Plasma.
DE84016546 **02**-*505,033* PC **A02**/MF **A01**

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DE85001499 **12**-*527,740* PC **A08**/MF **A01**

ORNL/TM-9234
Evaluation of the Proposed Y-12 Steam Plant Wastewater Treatment System.
DE85001536 **06**-*513,717* PC **A03**/MF **A01**

ORNL/TM-9235
Fabrication of Fiber-Reinforced Ceramic Composites by Chemical Vapor Infiltration.
DE85003809 **08**-*516,851* PC **A03**/MF **A01**

ORNL/TM-9239
Calculation of Stellarator Equilibria in Vacuum Flux Surface Coordinates.
DE85001693 **07**-*515,322* PC **A03**/MF **A01**

ORNL/TM-9240
Direct Reading Fast Microwave Interferometer for EBT.
DE85000183 **06**-*514,192* PC **A02**/MF **A01**

ORNL/TM-9241
TWOPOT: A Computer Model of the Two-Pot Extractive Distillation Concept for Nitric Acid.
DE85013523 **23**-*552,437* PC **A04**/MF **A01**

ORNL/TM-9243
Removal of Hydrofluoric Acid from Gas Streams by Solid Sorbents.
DE85004943 **11**-*524,629* PC **A03**/MF **A01**

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DE85000169 **09**-*520,152* PC **A04**/MF **A01**

ORNL/TM-9247
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DE85003542 **08**-*517,110* PC **A03**/MF **A01**

ORNL/TM-9248
Multigrid Iteration Solution Procedure for Solving Three-Dimensional Sets of Coupled Equations (High Temperature Gas Cooled Reactors).
DE84016515 **02**-*504,770* PC **A03**/MF **A01**

ORNL/TM-9250
Beginner's Guide to Blocked Records on Magnetic Tape.
DE85001691 **04**-*509,110* PC **A04**/MF **A01**

ORNL/TM-9251
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DE84016636 **02**-*504,975* PC **A02**/MF **A01**

ORNL/TM-9252
Analysis of Phase I of the HTGR Bottom Reflector and Core Support Block Neutron-Streaming Experiment.
DE84017632 **03**-*507,208* PC **A06**/MF **A01**

ORNL/TM-9254
Support for Establishing Structure-Activity Relationships Between a Series of Phthalate Esters and Toxicity to Aquatic Organisms.
DE85008754 **18**-*540,320* PC **A06**/MF **A01**

ORNL/TM-9256
Cleanup of Savannah River Plant Solvent Using Solid Sorbents.
DE85010592 **17**-*539,192* PC **A03**/MF **A01**

ORNL/TM-9258
Predicting Soil and Water Acidification: Proceedings of a Workshop.
DE85005677 **11**-*524,195* PC **A03**/MF **A01**

ORNL/TM-9259
Anaerobic Digestion of Cellulosic Wastes: Laboratory Tests.
DE85003814 **09**-*520,019* PC **A04**/MF **A01**

ORNL/TM-9263
Data and Information Systems and Decision Making in Large Public Organizations: Research Agenda.
DE85003639 **08**-*515,876* PC **A06**/MF **A01**

ORNL/TM-9265
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NUREG/CR-3885-V2 **07**-*515,456* PC **A02**/MF **A01**

ORNL/TM-9267/V3
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NUREG/CR-3885-V3 **17**-*539,157* PC **A03**/MF **A01**

ORNL/TM-9267/V4
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NUREG/CR-3885-V4 **21**-*548,950* PC **A02**/MF **A01**

ORNL/TM-9267-VOL-1
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NUREG/CR-3885-V1 **01**-*502,271* PC **A02**/MF **A01**

ORNL/TM-9268
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DE85780090 **10**-*522,697* PC **A02**/MF **A01**

OEFZS-4286
Investigation of Phase Separation Models in RELAP 4/MOD 6.
DE85780534 **17**-*539,124* PC **A03**/MF **A01**

OEFZS-4286
Investigation of Phase Separation Models in RELAP 4/MOD 6.
N85-14093/7 **08**-*517,774* PC **A03**/MF **A01**

OEFZS-4287
Reactor Dynamic Code RETRANS. Structure and Users Guide.
DE85780612 **17**-*539,221* PC **A04**/MF **A01**

OEFZS-4290
Oxygen Effects in Cellulose Triacetate Dosimetry.
DE85780606 **15**-*534,567* PC **A02**/MF **A01**

OEFZS-4298
Radiation-Induced Degradation of Trichloroethylene and Tetrachloroethylene in Drinking Water.
N85-29409/8 **21**-*548,560* PC **A02**/MF **A01**

OEFZS-4302
Activities Report in Energy Technology.
N85-29846/1 **21**-*547,324* PC **A03**/MF **A01**

OEFZS-4305
Leach Tests of Cemented Radioactive Ion-Exchange Resins.
DE85701513 **23**-*553,989* PC **A04**/MF **A01**

OEFZS-4307
DNA Metabolism and Poly(ADP-Ribose)-Synthesis in Lymphocytes of Persons Exposed to Low Doses of Ionizing Radiation.
DE85701470 **24**-*555,198* PC **A02**/MF **A01**

OEFZS-4307
DNA Metabolism and Poly-(ADP-ribose) Synthesis in Lymphocytes of Persons Exposed to Low Doses of Ionizing Radiation.
N85-31800/4 **23**-*552,279* PC **A02**/MF **A01**

OEFZS-4308
In-Service Supervision of a Prestressed Concrete Pressure Vessel.
DE85781137 **24**-*556,535* PC **A04**/MF **A01**

OEFZS-4308
In-Service Supervision of a Pressurized Concrete Pressure Vessel.
N85-31564/6 **23**-*554,054* PC **A04**/MF **A01**

OEFZS-4311
Severe Fuel Damage Projects - Simulation of Core Meltdown in KfK (BRD) And INEL (Idaho National Engineering Laboratory) (USA).
DE85781164 **24**-*556,515* PC **A03**/MF **A01**

OEFZS-4312
Multiple Collision Solutions for Time-Dependent Neutron Transport in Slabs of Finite Thickness.
N85-33762/4 **26**-*561,883* PC **A03**/MF **A01**

OEFZS-4313
Prestressed Concrete Vessel According to the Hot Liner Concept: A Critical Evaluation of Experimental Results with a Prototype Vessel.
N85-33550/3 **26**-*561,248* PC **A03**/MF **A01**

OEFZS-4317
Degradation of Pollutants in Water and Waste Water by Means of Electron or gamma Irradiation.
N85-33615/4 **26**-*561,056* PC **A02**/MF **A01**

RS-222/83
Post-Accident Hydrogen Control in GKT-Containment.
DE83703887 **02**-*504,760* PC **A04**/MF **A01**

RS-229/83
Transient Heat at Turbulent Pipe Flow for Moving Coordinate System.
DE84702123 **03**-*507,127* PC **A04**/MF **A01**

RS-230/84
Increasing the Efficiency of Thermal Power Stations.
DE84702124 **02**-*504,009* PC **A02**/MF **A01**

RS-235/84
Physical Models and Numerical Methods of the Reactor Dynamic Computer Program RETRAN.
DE84703148 **09**-*520,146* PC **A04**/MF **A01**

RS-237/84
Operating Experience with Potassium Systems.
DE84703152 **08**-*516,780* PC **A02**/MF **A01**

RS-237/84
Operating Experience with Potassium Systems.
N85-12473/3 **06**-*513,498* PC **A02**/MF **A01**

RS-238/84
Austrian Contributions to Fuel Rod Failure Models Shown at the International Standard Problem ISP-14.
DE84703154 **05**-*512,302* PC **A04**/MF **A01**

RS-241/84
Investigation of Phase Separation Models in RELAP 4/MOD 6.
DE85780534 **17**-*539,124* PC **A03**/MF **A01**

RS-241/84
Investigation of Phase Separation Models in RELAP 4/MOD 6.
N85-14093/7 **08**-*517,774* PC **A03**/MF **A01**

RS-242/84
Reactor Dynamic Code RETRANS. Structure and Users Guide.
DE85780612 **17**-*539,221* PC **A04**/MF **A01**

RS-245/84
In-Service Supervision of a Prestressed Concrete Pressure Vessel.
DE85781137 **24**-*556,535* PC **A04**/MF **A01**

RS-245/84
In-Service Supervision of a Pressurized Concrete Pressure Vessel.
N85-31564/6 **23**-*554,054* PC **A04**/MF **A01**

RS-246/85
Severe Fuel Damage Projects - Simulation of Core Meltdown in KfK (BRD) And INEL (Idaho National Engineering Laboratory) (USA).
DE85781164 **24**-*556,515* PC **A03**/MF **A01**

RS-247/85
Multiple Collision Solutions for Time-Dependent Neutron Transport in Slabs of Finite Thickness.
N85-33762/4 **26**-*561,883* PC **A03**/MF **A01**

RS-248/85
Prestressed Concrete Vessel According to the Hot Liner Concept: A Critical Evaluation of Experimental Results with a Prototype Vessel.
N85-33550/3 **26**-*561,248* PC **A03**/MF **A01**

ST-103/82
Uranium Content in Surface Air in Vienna During the Years 1963/64 and 1974 - 1978.
(-PH---351/82)
DE84703133 **08**-*517,572* PC **A02**/MF **A01**

ST-110/83
Extrapolation Chamber for Absolute Energy Dose Rate Measurement of beta and Soft X Radiation.
DE84702144 **01**-*500,843* PC **A03**/MF **A01**

ST-112/84
Radiation Protection Problems by Nonionizing Electromagnetic Radiation in Austria.
DE84703141 **08**-*516,193* PC **A02**/MF **A01**

ST-113/84
Austrian Primary Standard for Ionizing Radiation Dosimetry. Results of International Intercomparisons.
DE84703139 **08**-*516,295* PC **A02**/MF **A01**

OESTERREICHISCHES FORSCHUNGSZENTRUM SEIBERSDORF G.M.B.H. HAUPTABTEILUNG MATHEMATIK/INFORMATION.

MI-66/84
Formulare fuer die Darstellung Statistischer Ergebnisse (Formulas for Rendering of Statistical Results).
PB85-117711 **03**-*506,560* PC **E04**/MF **E04**

OEFZS-4279
Formulare fuer die Darstellung Statistischer Ergebnisse (Formulas for Rendering of Statistical Results).
PB85-117711 **03**-*506,560* PC **E04**/MF **E04**

OESTERREICHISCHES FORSCHUNGSZENTRUM SEIBERSDORF G.M.B.H. INST. FUER BIOLOGIE.

BL-447/84
Herstellung Monoklonaler Antikoerper gegen Ferritin (Preparation of Monoclonal Antibodies against Ferritin).
PB85-116945 **03**-*505,623* PC **E03**/MF **E03**

BL-450/84
Poly(ADP-Ribose) in Nucleoids (Polu(ADP-Ribose) in Nukleoiden).
PB85-117778 **03**-*505,624* PC **E03**/MF **E03**

BL-456/84
DNA-Metabolismus bei Rauchern (DNA Metabolism of Smokers).
PB85-117794 **03**-*505,625* PC **E03**/MF **E03**

OEFZS-4263
Herstellung Monoklonaler Antikoerper gegen Ferritin (Preparation of Monoclonal Antibodies against Ferritin).
PB85-116945 **03**-*505,623* PC **E03**/MF **E03**

OEFZS-4267
Poly(ADP-Ribose) in Nucleoids (Polu(ADP-Ribose) in Nukleoiden).
PB85-117778 **03**-*505,624* PC **E03**/MF **E03**

OEFZS-4280
DNA-Metabolismus bei Rauchern (DNA Metabolism of Smokers).
PB85-117794 **03**-*505,625* PC **E03**/MF **E03**

OESTERREICHISCHES FORSCHUNGSZENTRUM SEIBERSDORF G.M.B.H. INST. FUER REAKTORSICHERHEIT.

OEFZS-4266
Die Erhoehung des Wirkungsgrades Kalorischer Kraftwerke (How to Increase the Efficiency of Thermal Power Stations).
PB85-117802 **03**-*506,348* PC **E03**/MF **E03**

RS-232/84
Die Erhoehung des Wirkungsgrades Kalorischer Kraftwerke (How to Increase the Efficiency of Thermal Power Stations).
PB85-117802 **03**-*506,348* PC **E03**/MF **E03**

OESTERREICHISCHES INST. FUER BAUFORSCHUNG, VIENNA.

NP-5770239
Alternative Energy Project Military Baracks Innsbruck-Kranebitten.
DE85770239 **15**-*534,145* PC **A03**/MF **A01**

OESTERREICHISCHES KUNSTSTOFFINSTITUT, VIENNA.

NP-5770293
Technological and Economic Aspects of the Use of Plastics for Solar Engineering.
DE85770293 **22**-*550,498* PC **A05**/MF **A01**

OESTERREICHISCHES KURATORIUM FUER LANDTECHNIK, VIENNA.

NP-5770123
Wood Chip Combustion Systems under 116 KW.
DE85770123 **12**-*527,233* PC **A06**/MF **A01**

NP-5770132
Saving Energy Through Heat Insulation of Grain Driers.
DE85770132 **12**-*525,896* PC **A03**/MF **A01**

OFFICE NATIONAL D'ETUDES ET DE RECHERCHES AEROSPATIALES, CHATILLON-SOUS-BAGNEUX (FRANCE).

ONERA-PV-1/0772-GY
Essais de l'Avion 'Petit Canard' Reel dans la Veine no. 3-47 sq m de la Soufflerie S1MA (Tests on the Full-Scale 'Petit Canard' Airplane in the No. 3-47 sq m Section of the S1MA Wind Tunnel).
PB85-159200 **11**-*523,228* PC **E05**/MF **E05**

ONERA-PV-1/8068-GY
Qualification de la Balance de Paroi du Chariot 1 de S1MA, Adaptee pour les Essais de 1/2 Maquettes Motorisees par Turbines a Air Comprime (TPS)(Qualification of the Wall Balance of the S1MA Carrier, Adapted to 1/2 Motorized TPS Models).
PB85-172815 **12**-*527,499* PC **E04**/MF **E04**

ONERA-RF-9/7236-PY
Etude des Mecanismes d'Autopropagation d'une Decharge de Surface (Study of the Self-Propagation Mechanisms of a Surface Discharge).
PB85-176261 **14**-*532,566* PC **E04**/MF **E04**

ONERA-RF-30/7132-PY
Degradation Irreversible des Performances des Resonateurs a Quartz (Synthese Bibliographique) (Irreversible Deterioration of Quartz Resonator Performance (Literature Review)).
PB85-176279 **14**-*531,655* PC **E05**/MF **E05**

ONERA-RF-88/7154-PY
Foudroiement des Aeronefs. Exploitation TRIP 82 et Interferometrie Electromagnetique a 3 Dimensions (Lightning Bolts on Aircraft. TRIP 82 Operation - Three-dimensional Electromagnetic Interferometry).
PB85-160513 **12**-*526,011* PC **E11**/MF **E11**

ONERA-RSF-8/0791-GY
Essai de la Balance Cryogenique ONERA dans la Soufflerie T2 du CERT (Test of the Cryogenic ONERA Scale in the T2 Windtunnel of CERT).
PB85-216240 **20**-*548,006* PC **E04**/MF **E04**

ONERA-RT-2/3587-CY
Visualisation de Resultats de Calcul. Definition d'un Satellite Graphique (Visualization of Calculation Results. Definition of a Graphic Satellite).
PB85-172799 **13**-*529,208* PC **E04**/MF **E04**

ONERA-RT-3/3567-RY
Analyse Critique de la Restitution de la Turbulence a Partir de Mesures d'Acceleration (Critical Analysis of the Turbulence Restitution from Acceleration Measurements).
PB85-244317 **20**-*559,983* PC **E04**/MF **E04**

ONERA-RT-4/2894-RN
Couplage Structure: Fluide Interne dans le Domaine des Moyennes Frequences (Structure: Internal Fluid Coupling in the Medium Frequency Range).
PB85-216752 **20**-*545,868* PC **E04**/MF **E04**

ONERA-RT-11/1784-M
Evaluation de la Resine PSP comme Precurseur de Carbone (Evaluation of PSP Resin as Carbon Precursor).
PB85-172807 **12**-*527,090* PC **E04**/MF **E04**

ONERA-RT-12/5115-RY
Etude Preliminaire en Soufflerie de l'Influence d'un Jet sur l'Aerodynamique Instationnaire d'un Reacteur (Preliminary Windtunnel Study of the Effect of a Jet on the Unstable Aerodynamics of a Reactor).
PB85-159226 **11**-*523,229* PC **E04**/MF **E04**

ONERA-RT-17/1841-RY
Etude Theorique du Probleme Instationnaire Lineaire pour une Aile Rectangulaire Animee d'un Mouvement de Tangage (Theoretical Study of the Non-Stationary Linear Problem for a Rectangular Wing with Pitch Movement).
PB85-216729 **20**-*544,489* PC **E04**/MF **E04**

ONERA-RT-17/3064-RY
Extension de la Methode des Petites Perturbations Transsoniques Instationnaires Tridimensionnelles au Cas des Voilures Reelles (Extension of the Method of Small Unstable Three-Dimensional Transonic Disturbances to the Case of Actual Wing Assemblies).
PB85-161727 **11**-*523,230* PC **E04**/MF **E04**

ONERA-RT-18/7184-SY
Endommagement Mecanique des Verres par Rayonnement Laser Continu ou Impulsionnel (Mechanical Dam-

ages to Glasses by Continuous or Pulsed Laser Radiation).
PB85-172880 13-529,441 PC E04/MF E04

ONERA-RT-19/5069-M
Influence de la Recristallisation et de la Mise en Solution sur la Tenacite des Alliages 7010 et 7475; Fatigue Oligocyclique de l'Alliage 7010 (Influence of Recrystallization and Dissolving on the Strength of Alloys 7010 and 7475; Oligocyclic Fatique of Alloy 7010).
PB85-199222 17-538,289 PC E04/MF E04

ONERA-RT-19/5069-M
Influence de la Recristallisation et de la Mise en Solution sur la Tenacite des Alliages 7010 et 7475. Fatigue Oligocyclique de L'Alliage 7010 (Influence of Recrystallization and Dissolving Start on the Strength of Alloys 7010 and 7475. Oligocyclic Fatigue of Alloy 7010).
PB85-221737 21-548,173 PC E04/MF E04

ONERA-RT-20/7135-EY
Code Disco-2 pour la Prediction du Comportement de Particules Discretes dans un Ecoulement Turbulent (Disco-2 Code for Prediction of the Behavior of Discrete Particles in a Turbulent Flow).
PB85-216695 20-546,511 PC E09/MF E09

ONERA-RT-22/7169-RY
Etude Numerique de la Rupture Ductile en Contraintes Planes (Numerical Study on Ductile Rupture under Planar Constraints).
PB85-199214 17-539,498 PC E04/MF E04

ONERA-RT-23/7169-RY
Etude Numerique de la Rupture Ductile en Deformations Planes (Numerical Study of Ductile Rupture in Plane Deformations).
PB85-172864 12-528,074 PC E04/MF E04

ONERA-RTS-16/3232-RY
Decollement Bidimensionnel dans un Fluide Incompressible (Two Dimensional Separation in an Incompressible Fluid).
PB85-161685 11-525,362 PC E05/MF E05

ONERA-RTS-16/5108-RY
Etude de Synthese. Validation d'un Generateur de Rafale en Presence d'une Maquette en Soufflerie (Synthesis Study. Validation of a Gust Generator in the Presence of a Mockup in the Wind Tunnel).
PB85-161677 11-524,819 PC E04/MF E04

ONERA-RTS-22/3256-EY
Etude de la Zone Primaire des Foyers de Turbomachines (Study of the Primary Zone of Turbo Engine Centers).
PB85-172773 13-530,683 PC E04/MF E04

ONERA-TR-24/5122-SY
Apprentissage et Auto-Adaptation Appliques a la Simulation du Pilote Humain (Apprenticeship and Auto-Adaptation Applied to Simulation of the Human Pilot).
PB85-172823 12-526,278 PC E04/MF E04

TR-3/3346/M
Caracterisation de la Structure du Reseau d'une Resine Epoxy Durcie (Structure Characterization of the Lattice of a Hardened Epoxy Resin).
PB85-140523 06-513,264 PC E06/MF E06

TR-11/7224/SY
Robustesse de Regulateurs de Pilotage Multivariables (Strength of Multivariable Piloting Regulators).
PB85-141570 07-514,344 PC E08/MF E08

TR-12/7224/SY
Robustesse des Regulateurs de Pilotage Multivariables Continus: Synthese de l'Etude (Strength of Continuous Multivariable Piloting Regulators: Study Synthesis).
PB85-140853 07-514,343 PC E04/MF E04

TR-25/1736/AY
Rapport de Fin de Fabrication de la Demi-Aile Hypersustentee a Fleche Variable (Final Manufacturing Report of the Oversupported Half Wing with Variable Sweep).
PB85-138022 06-513,861 PC E03/MF E03

TR-27/1147/AY
Recherche Experimentale d'un Critere d'Eclatement pour un Tourbillon en Ecoulement Incompressible (Experimental Research of a Bursting Criterion for a Vortex in Incompressible Flow).
PB85-137917 06-512,659 PC E04/MF E04

TR-40/7086/M
Interaction Fatigue - Fluage dans les Composites Carbone/Resine + or - 45 degrees (Interaction Fatigue - Creep in Carbon/Resin Compounds + or - 45 degrees).
PB85-141586 07-514,962 PC E04/MF E04

Infrared Material Optical Damage by Rain.
AD-P004 372/9 08-517,796 PC A02/MF A01

Premiers Essais Cryogeniques du Profil CAST 7 a la Soufflerie T2. Comparaisons avec les Calculs (First Cryogenic Tests of CAST 7 Profile in T2 Wind Tunnel. Comparison with Calculations).
PB85-117141 03-505,285 PC E04/MF E04

EGIC - Logiciel d'Edition Graphique Interactive de Resultats de Calculs (EGIC - Interactive Graphic Editing Logic of Calculation Results).
PB85-147668 08-518,141 PC E05/MF E05

Etude des Proprietes Spectrales des Gaz Chauds (Study of the Spectral Properties of Hot Gases).
PB85-156461 10-521,743 PC E04/MF E04

Avion de Recherches Atmospheriques (Atmospheric Research Plane).
PB85-156925 10-521,097 PC E06/MF E06

OFFICE NATIONAL D'ETUDES ET DE RECHERCHES AEROSPATIALES, CHATILLON-SOUS-BAGNEUX (FRANCE). DEPT. YKC.

YKC-3086/84
Application de la Methode DRASC sur Foyer SNECMA (Application of DRASC Method on SNECMA Centers).
PB85-172393 12-528,115 PC E04/MF E04

OFFICE NATIONAL D'ETUDES ET DE RECHERCHES AEROSPATIALES, PARIS (FRANCE).

ESA-TT-878
La Recherche Aerospatiale Bimonthly Bulletin Number 1984-2, 219/March-April.
N85-26635/1 19-542,063 PC A05/MF A01

ESA-TT-882
La Recherche Aerospatiale Bimonthly Bulletin Number 1984-3, 220/May-June.
N85-26636/9 19-542,064 PC A05/MF A01

ESA-TT-884
La Recherche Aerospatiale Bimonthly Bulletin, Number 1984-4, 221/July-August.
N85-26637/7 19-542,065 PC A04/MF A01

ONERA-NT-17/3064-RY-070-R
Extension de la Methode des Petites Perturbations Transsoniques Instationnaires Tridimensionelles au Cas des Voilures Reelles (Extension of the Small Perturbations Method in Three-Dimensional Transonic, Unsteady Flow to the Case of Real Wings).
N85-31017/5 23-551,884 PC A03/MF A01

ONERA-NT-1984-1,
Contribution to the Study of Perturbational Stabilization.
N85-20781/9 14-531,936 PC A09/MF A01

ONERA-NT-1984-2
Robustness of Discrete-Time Dynamical Systems: Application to the Multivariable Digital Control of Combat Aircraft.
N85-19986/7 14-530,794 PC A07/MF A01

ONERA-NT-1984-3
Model of Normal and Erosive Burning of Composite Propellants.
N85-24024/0 17-539,235 PC A07/MF A01

ONERA-PV-1/0772-GY
Essais de l'Avion Petit Canard Reel dans la Veine 3-47 M2 de la Soufflerie Sima, Mai 1984 (Real Scale Test of the Petit Canard Aircraft in the Number 3 Section, 47 Sqm, of the Sima Wind Tunnel, May 1984).
N85-31018/3 23-551,885 PC A05/MF A01

ONERA-PV-1/8068-GY
Qualification de la Balance de Paroi du Chariot 1 de Sima, Adaptee pour les Essais de 1/2 Maquettes Motorisees Par Turbines a Air Comprime (Tps) (Qualification of a Wall Gage for the Sima Wagon, Adapted to the Test of Half Models Motorized by Compressed Air Turbines).
N85-26677/3 19-543,683 PC A03/MF A01

ONERA-PV-1/8138-GY
Mesures d'Ascendance et de Derapage dans la Veine No. 2 de Sima (Aerodynamic Measurement of the Wind Flow in the Number Two Section of the Sima Wind Tunnel).
N85-31019/1 23-551,886 PC A02/MF A01

ONERA-RF-88/7154-PY
Foudroiement des Aeronefs. Exploitation Trip 82. Interferometrie Electromagnetique a 3 Dimensions (Lightning Strikes on Aircraft. The Trip 82 Experiment and 3-Dimensional Electromagnetic Interferometry).
N85-26690/6 19-542,081 PC A11/MF A01

ONERA-RS/87/7154/PY
Avion de Recherches Atmospheriques (Atmospheric Research Aircraft).
N85-20596/1 14-530,932 PC A06/MF A01

ONERA-RT-2/3587-CY
Visualisation de Resultats de Calcul. Definition Dun Satellite Graphique (Visualization of Computation Results. Definition of a Graphics Satellite Computer).
N85-31845/9 23-554,542 PC A03/MF A01

ONERA-RT/3/3346/M
Caracterisation de la Structure du Reseau Dune Resine Epoxy Durcie (Systeme TGMDA/DDS) (Characterization of the Network Structure of a Hardened Epoxy Resin (TGMDA/DDS System)).
N85-20140/8 14-531,506 PC A07/MF A01

ONERA-RT-11/1784-M
Evaluation de la Resine Psp Comme Precurseur de Carbone (Evaluation of the PSP Resin as a Precursor of Carbon).
N85-26932/2 19-543,191 PC A03/MF A01

ONERA-RT/11/7224/SY
Robustesse des Regulateurs de Pilotage Multivariables (Robustness of Continuous Multivariable Flight Controls).
N85-19988/3 14-530,796 PC A08/MF A01

ONERA-RT-12/5115-RY-230-R-231G
Etude Preliminaire en Soufflerie de l'Influence d'UN Jet sur l'Aerodynamique Instationnaire d'UN Reacteur (Preliminary Wind Tunnel Study of the Influence of a Jet on the Unsteady Aerodynamics of a Turbojet Engine).
N85-26679/9 19-542,075 PC A03/MF A01

ONERA-RT/12/7224/SY
Robustesse des Regulateurs de Pilotage Multivariables Continus (Robustness of Continuous Multivariable Flight Controls).
N85-19987/5 14-530,795 PC A03/MF A01

ONERA-RT-16/5108-RY-051
Etude de Synthese. Validation d'UN Generateur de Rafale en Presence d'Une Maquette en Soufflerie (Synthesis Study: Validation of a Gust Generator in the Presence of a Model in a Wind Tunnel).
N85-26678/1 19-543,684 PC A03/MF A01

ONERA-RT-16/5108-RY-053
Etude de Synthese. Validation d'UN Generateur de Rafale en Presence d'Une Maquette en Soufflerie (Synthesis Study: Validation of a Gust Generator in the Presence of a Model in a Wind Tunnel).
N85-26678/1 19-543,684 PC A03/MF A01

ONERA-RT-19/5069-M
Influence de la Recrystallisation et de la Mise en Solution sur la Tenacite des Alliages 7010 et 7475. Fatigue Oligocyclique de l'Alliage 7010 (Influence of Recrystallization and Solution on the Tenacity of the 7010 and 7475 Alloys. Olygocyclic Fatigue of the 7010 Alloy).
N85-31289/0 23-553,164 PC A02/MF A01

ONERA-RT-22/7169-RY-070-R
Etude Numerique de la Rupture Ductile en Contraintes Planes (Numerical Study of Tensile Fracture in Plane Stress).
N85-31563/8 23-554,300 PC A03/MF A01

ONERA-RT-23/7169-RY-072-R
Etude Numerique de la Rupture Ductile en Deformations Planes (Numerical Study of Ductile Rupture in Plane Deformations).
N85-31557/0 23-554,297 PC A03/MF A01

ONERA-RT-24/5122-SY
Apprentissage et Auto-Adaptation Appliques a la Simulation du Pilote Humain (Learning and Self Adaptation Applied to the Simulation of a Human Pilot).
N85-31828/5 23-552,185 PC A04/MF A01

ONERA-RT-25/1736-AY-108-A
Rapport de Fin de Fabrication de la Demi-Aile Hypersustentee a Fleche Variable (Manufacturing Report of an Augmented Lift, Variable Deflection Half Wing).
N85-13766/9 08-515,747 PC A02/MF A01

ONERA-RT/27/1147/AY
Recherche Experimentale Dun Critere Declatement pour UN Tourbillon en Ecoulement Incompressible (Experimental Investigation of a Breakdown Criterion for a Vortex in an Incompressible Flow).
N85-19935/4 14-530,744 PC A03/MF A01

ONERA-RT/40/7086/M
Interaction Fatigue-Fluage dans les Composites Carbone/Resine + ou - 45 Deg (Fatigue-Creep Interaction in + or - 45 Deg Carbon-Resin Composites).
N85-20027/7 14-531,841 PC A04/MF A01

ONERA-RTS-16/3232-RY-026-R
Decollement Bidimensionnel dans un Fluide Incompressible (Two-Dimensional Separation in an Incompressible Fluid).
N85-31459/9 23-554,201 PC A05/MF A01

ONERA-RTS-16/3232-RY-060-R
Decollement Bidimensionnel dans un Fluide Incompressible (Two-Dimensional Separation in an Incompressible Fluid).
N85-31459/9 23-554,201 PC A05/MF A01

ONERA-RTS-22/3256-EY
Etude de la Zone Primaire des Foyers de Turbomachines (Study of the Primary Zone of Gas Turbine Hearths).
N85-26719/3 19-544,330 PC A03/MF A01

ONERA-RTS-26/3075-AY-402
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(AFGL-TR-84-0042)
AD-A145 799/3 **01**-*501,166* PC **A04**/MF **A01**

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(AFGL-TR-84-0215)
AD-A155 250/4 **19**-*543,255* PC **A04**/MF **A01**

OSU/DGSS-358
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(AFGL-TR-84-0263)
AD-A156 008/5 **21**-*547,838* PC **A04**/MF **A01**

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(AFGL-TR-84-0331)
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SCIENTIFIC-6
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(AFGL-TR-84-0215)
AD-A155 250/4 **19**-*543,255* PC **A04**/MF **A01**

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DE85001185 **06**-*514,060* PC **A02**/MF **A01**

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PB85-144327 **07**-*515,108* PC **A13**/MF **A01**

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AD-A150 788/8 **11**-*524,089* PC **A07**/MF **A01**

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(AFGL-TR-84-0214)
AD-A150 792/0 **11**-*524,090* PC **A04**/MF **A01**

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AD-A150 772/2 **11**-*524,183* PC **A03**/MF **A01**

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AD-A150 769/8 **11**-*524,182* PC **A08**/MF **A01**

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(AFOSR-TR-85-0092)
AD-A150 926/4 **11**-*524,185* PC **A04**/MF **A01**

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AD-A147 978/1 **04**-*508,671* PC **A02**/MF **A01**

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AD-A148 002/9 **04**-*508,672* PC **A02**/MF **A01**

OSURF-762178/712881
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AD-A150 788/8 **11**-*524,089* PC **A07**/MF **A01**

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(AFOSR-TR-84-0864)
AD-A146 890/9 **02**-*503,796* PC **A06**/MF **A01**

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AD-A148 174/6 **04**-*509,743* PC **A10**/MF **A01**

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AD-A148 291/8 **05**-*511,178* PC **A02**/MF **A01**

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(AFOSR-TR-84-1047)
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AD-A148 837/8 **06**-*513,049* PC **A03**/MF **A01**

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AD-A152 387/7 **14**-*531,452* PC **A02**/MF **A01**

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(AFOSR-TR-85-0453)
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AD-A155 622/4 **19**-*543,176* PC **A05**/MF **A01**

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AD-A155 816/2 **21**-*548,611* PC **A04**/MF **A01**

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(ARO-19129.5-CH)
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(DLETA-CHRR-84-02)
PB85-151033 10-521,342 PC A17/MF A01

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(DLETA-CHRR-83-13)
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(DLETA-CHRR-83-20)
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(DLETA-CHRR-83-11)
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(DLETA-CHRR-83-10)
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(DLETA-CHRR-83-12)
PB85-158129 10-521,315 PC A03/MF A01

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(DLETA-CHRR-83-15)
PB85-159093 10-521,216 PC A03/MF A01

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(DLETA-CHRR-83-18)
PB85-159895 10-521,321 PC A03/MF A01

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(DLETA-CHRR-83-19)
PB85-159978 10-521,382 PC A03/MF A01

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(DLETA-CHRR-83-17)
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PB85-180602 14-531,152 PC A10/MF A01

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N85-31035/7 23-553,800 PC A05/MF A01

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NAS 1.26:172333
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(NASA-CR-172333)
N85-12885/8 07-514,531 PC A05/MF A01

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AD-A158 844/1 25-558,895 PC A09/MF A01

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(NASA-CR-172333)
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(DOT/FAA/ES-84/2)
AD-A157 724/6 24-557,065 PC A09/MF A01

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AD-P004 270/5 06-513,802 PC A02/MF A01

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AD-P003 999/0 01-502,740 PC A02/MF A01

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AD-P004 003/0 01-502,741 PC A02/MF A01

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OCC-ARR-9
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PB85-144665 07-514,559 PC A11/MF A01

OCC-ARR-10
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PB85-144673 07-514,511 PC A11/MF A01

OCC-ARR-11
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PB85-144657 07-514,510 PC A07/MF A01

OCC/GSR-83/5
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PB85-144640 07-514,509 PC A07/MF A01

OCC/GSR-84/3
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PB85-145654 07-514,512 PC A10/MF A01

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HRP-0906505/3 26-560,187 PC A02/MF A01

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(NASA-CR-3869)
N85-21167/0 14-532,844 PC A09/MF A01

NAS 1.26:174863
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(NASA-CR-174863)
N85-22390/7 15-535,140 PC A12/MF A01

NAS 1.26:174916
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(NASA-CR-174916)
N85-27867/9 20-547,025 PC A08/MF A01

NAS 1.26:174917
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(NASA-CR-174917)
N85-26716/9 19-544,003 PC A11/MF A01

NAS 1.26:174918
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(NASA-CR-174918)
N85-26717/7 19-544,329 PC A12/MF A01

NAS 1.26:175810
Microbial Ecology of Extreme Environments: Antarctic Yeasts and Growth in Substrate-Limited Habitats.
(NASA-CR-175810)
N85-27509/7 19-542,516 PC A02/MF A01

NAS 1.26:176005
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NAS 1.26:3908
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AD-A149 331/1 08-*516,377* PC **A02**/MF **A01**

TR-8
Vertical Channeling of Pyridine Molecules Ejected in Ion Bombardment Experiments.
AD-A154 147/3 17-*537,625* PC **A02**/MF **A01**

TR-34
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AD-A146 366/0 01-*500,950* PC **A03**/MF **A01**

TR-36
Reactions between Alkyl Grignard Reagents and Aminophosphazenes Synthesis of Alkyl-chloro-cyclotriphosphazenes.
AD-A146 283/7 01-*500,948* PC **A03**/MF **A01**

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(AFOSR-TR-85-0194)
AD-A151 539/4 **12**-*526,905* PC **A02**/MF **A01**

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AD-A154 816/3 **18**-*541,313* PC **A05**/MF **A01**

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AD-A148 225/6 **05**-*512,388* MF **A01**

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AD-A157 133/0 **23**-*553,154* PC **A02**/MF **A01**

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PB85-155984 **07**-*515,673* PC **A03**/MF **A01**

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AD-A145 906/4 **01**-*501,680* PC **A04**/MF **A01**

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85-1
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AD-A157 440/9 **23**-*552,197* PC **A04**/MF **A01**

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TR-52
Data Based Algorithm for Choosing the Window Width when Estimating the Integral of f2(x).
AD-A152 093/1 **13**-*529,552* PC **A03**/MF **A01**

TR-53
Confidence Intervals Based on Interpolated Order Statistics.
AD-A152 607/8 **14**-*531,925* PC **A02**/MF **A01**

TR-56
Tests for Patterned Alternatives.
AD-A158 891/2 **25**-*558,532* PC **A03**/MF **A01**

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(ARO-20063.3-MA)
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85-1-ONR
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AD-A157 523/2 **23**-*552,177* PC **A10**/MF **A01**

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Effect of Fe Substitution on the Magnetic Characteristics of Some RNi5 Alloys (R = Pr and Nd).
(ARO-17165.49-MS)
AD-A157 882/2 **24**-*557,007* PC **A02**/MF **A01**

The Dual Variable Method for Finite Element Discretizations of Navier/Stokes Equations.
(AFOSR-TR-85-0633)
AD-A158 538/9 **25**-*559,406* PC **A02**/MF **A01**

Social Networks and Mental Health: An Annotated Bibliography.
(NIMH-85-462)
PB85-149284 **09**-*515,918* PC **A17**/MF **A01**

Interracial Behavior in a Desegregated School.
(NIMH-84-459)
PB85-153369 **09**-*518,585* PC **A02**/MF **A01**

Research, Development and Evaluation of Minimally Invasive Systems for Detection and Quantification of Atherosclerotic Lesions in Coronary Arteries in Humans.
PB85-154128 **10**-*521,529* PC **A03**/MF **A01**

Computerized Algorithms for Evaluating Prehospital Care.
(DOT-HS-806-598)
PB85-180560 **18**-*535,699* PC **A09**/MF **A01**

PITTSBURGH UNIV., PA. CENTER FOR MULTIVARIATE ANALYSIS.

84-40
Ergodicity of Bilinear Time Series Models and Some Applications.
(AFOSR-TR-84-1003)
AD-A148 032/6 **04**-*509,499* PC **A02**/MF **A01**

TR-84-39
Recent Results on Characterization of Probability Distributions: A Unified Approach through Extensions of Deny's Theorem.
(AFOSR-TR-84-1056)
AD-A147 631/6 **04**-*509,477* PC **A03**/MF **A01**

TR-84-42
Limiting Empirical Distribution Function of the Eigenvalues of a Multivariate F Matrix.
(AFOSR-TR-84-1215)
AD-A149 818/7 **09**-*519,448* PC **A02**/MF **A01**

TR-84-42-REV
Limiting Empirical Distribution Function of the Eigenvalues of a Multivariate F Matrix. Revised.
(AFOSR-TR-85-0262)
AD-A151 885/1 **13**-*529,540* PC **A02**/MF **A01**

TR-84-44
Limit of the Largest Eigenvalue of the Large Dimensional Sample Covariance Matrix.
(AFOSR-TR-85-0006)
AD-A150 589/0 **10**-*522,201* PC **A02**/MF **A01**

TR-84-45
Note about the Strong Convergence of the Nonparametric Estimation of a Regression Function.
(AFOSR-TR-85-0005)
AD-A150 325/9 **10**-*522,188* PC **A02**/MF **A01**

TR-84-47
Inefficiency of Least Squares: Extensions of Kantorovich Inequality.
(AFOSR-TR-84-1199)
AD-A149 568/8 **08**-*516,952* PC **A02**/MF **A01**

TR-84-51
Bootstrapping the Kalman Filter.
(AFOSR-TR-85-0014)
AD-A150 509/8 **10**-*522,196* PC **A03**/MF **A01**

TR-84-52
Informative Geometry of Probability Spaces.
(AFOSR-TR-85-0015)
AD-A150 510/6 **10**-*522,197* PC **A04**/MF **A01**

TR-84-53
Asymptotic Joint Distribution of the Eigenvalues of the Noncentral MANOVA Matrix for Nonnormal Populations.
(AFOSR-TR-85-0263)
AD-A151 886/9 **13**-*529,541* PC **A02**/MF **A01**

TR-85-01
Robust Tests of Mean Vector in Symmetrical Multivariate Distributions.
(AFOSR-TR-85-0337)
AD-A153 116/9 **15**-*534,086* PC **A02**/MF **A01**

TR-85-03
Inequality and Its Application to the Truncated Distributions.
(AFOSR-TR-85-0347)
AD-A153 115/1 **15**-*534,085* PC **A02**/MF **A01**

TR-85-04
Detection of Multivariate Outliers with Dispersion Slippage in Elliptically Symmetric Distributions.
(AFOSR-TR-85-0366)
AD-A153 785/1 **16**-*536,191* PC **A02**/MF **A01**

TR-85-06
Characterization of Nonnegatively Estimable Linear Combinations of Variance Components.
(AFOSR-TR-85-0353)
AD-A153 786/9 **16**-*536,192* PC **A02**/MF **A01**

TR-85-14
Inference on the Ranks of the Canonical Correlation Matrices for Elliptically Symmetric Populations.
(AFOSR-TR-85-0550)
AD-A158 268/3 **24**-*555,849* PC **A03**/MF **A01**

TR-85-17
Spectra for Large Dimensional Random Matrices.
(AFOSR-TR-85-0547)
AD-A158 256/8 **24**-*555,847* PC **A02**/MF **A01**

TR-85-18
Alternate Derivation of the Distribution of the Conditioned Signal-to-Noise Ratio.
(AFOSR-TR-85-0548)
AD-A158 257/6 **24**-*555,579* PC **A02**/MF **A01**

TR-85-19
Note on the Integrated Cauchy Functional Equation.
(AFOSR-TR-85-0549)
AD-A158 269/1 **24**-*555,850* PC **A02**/MF **A01**

TR-85-20
Asymptotic Distribution of the Test Statistic for the Mean of the Non-Isotropic Principal Component.
(AFOSR-TR-85-0551)
AD-A158 255/0 **24**-*555,846* PC **A02**/MF **A01**

TR-85-22
Variant of Shanbhag's Lemma Arising out of a Modified Rao-Rubbin Condition.
(AFOSR-TR-85-0558)
AD-A158 608/0 **25**-*558,518* PC **A02**/MF **A01**

Computer Equipment for Research in Statistics.
(AFOSR-TR-84-0622)
AD-A145 755/5 **01**-*501,274* PC **A02**/MF **A01**

Multivariate Analysis and Its Applications.
(AFOSR-TR-85-0009)
AD-A150 324/2 **10**-*522,187* PC **A03**/MF **A01**

PITTSBURGH UNIV., PA. DEPT. OF CHEMICAL AND PETROLEUM ENGINEERING.

DOE/MC/14262-1732
Enhanced Recovery of in-Situ Methane by Carbon-Dioxide Injection: An Experimental Feasibility Study.
DE85003352 **12**-*526,803* PC **A03**/MF **A01**

DOE/PC/10339-T1
Coal-Fluid Properties Study. Final Report.
DE85014946 **24**-*557,137* PC **A05**/MF **A01**

DOE/PC/10339-T2
Coal-Fluid Properties Study for DOE. Progress Report.
DE85014950 **24**-*557,138* PC **A02**/MF **A01**

DOE/PC/40774-T1
Site Activities of Zeolite-Supported Ru for CO Hydrogenation. Final Report.
DE84002414 **24**-*557,092* PC **A10**/MF **A01**

DOE/PC/42302-2-V.1
Fundamental Study for Improvement of Dewatering of Fine Coal/Refuse. Annual Report, July 1981-July 1982. Volume I.
DE85005085 **10**-*521,862* PC **A03**/MF **A01**

DOE/PC/42302-2-V.2
Fundamental Study for Improvement of Dewatering of Fine Coal/Refuse. Annual Report, July 1981-July 1982. Volume II.
DE85005086 **11**-*525,748* PC **A05**/MF **A01**

DOE/PC/42302-T1
Fundamental Study for Improvement of Dewatering of Fine Coal/Refuse. Semi-Annual Report, November 1981-April 1982.
DE85005087 **11**-*525,749* PC **A04**/MF **A01**

DOE/PC/42302-T2
Fundamental Study for Improvement of Dewatering of Fine Coal/Refuse. Annual Report, August 1982-August 1983.
DE85000503 **10**-*521,859* PC **A05**/MF **A01**

DOE/PC/50810-T8
Promotion Effects on the Synthesis of Higher Alcohols. Ninth Quarterly Report, July 1984-September 1984.
DE85002338 **08**-*518,232* PC **A02**/MF **A01**

DOE/PC/50810-T9
Promotion Effects on the Synthesis of Higher Alcohols. Tenth Quarterly Report, October-December 1984.
DE85006665 **13**-*530,615* PC **A02**/MF **A01**

DOE/PC/50810-T10
Promotion Effects on the Synthesis of Higher Alcohols. 11th Quarterly Report, January-March 1985.
DE85011001 **21**-*549,195* PC **A03**/MF **A01**

DOE/PC/60054-T1
Coal Liquefaction - Investigation of Reactor Performance, Role of Catalysts and PCT Properties. Quarterly Progress Report, October 1, 1983-December 31, 1983.
DE84007394 **24**-*557,095* PC **A02**/MF **A01**

DOE/PC/60054-T4
Coal Liquefaction: Investigation of Reactor Performance, Role of Catalysts, and PCT Properties. Technical Progress Report.
DE85002738 **09**-*520,848* PC **A22**/MF **A01**

DOE/PC/60803-T2
Thermodynamic Behavior of Coal Liquids in the Presence of Coal Solids Characterization of IOM and Ash. First Annual Progress Report, September 1, 1983-September 1, 1984.
DE84017056 **09**-*520,784* PC **A03**/MF **A01**

DOE/PC/60803-T3
Thermodynamic Behavior of Coal Liquids in the Presence of Coal Solids Characterization of IOM and Ash. Fifth Quarterly Progress Report, September 1, 1984-December 1, 1984.
DE85004007 **12**-*528,134* PC **A03**/MF **A01**

DOE/PC/60803-T5
Thermodynamic Behavior of Coal Liquids in the Presence of Coal Solids Characterization of IOM and ASH. Seventh Quarterly Progress Report, March 1-June 1, 1985.
DE85015108 **24**-*557,146* PC **A02**/MF **A01**

DOE/PC/60805-T4
Cation Promotion Effects in Zeolite-Supported F-T Catalysts. Fourth Quarterly Report, June 1984-August 1984.
DE85001708 **05**-*512,594* PC **A02**/MF **A01**

DOE/PC/60805-T5
Cation Promotion Effects in Zeolite-Supported F-T Catalysts. Fifth Quarterly Report, September-November 1984.
DE85004876 **12**-*528,146* PC **A02**/MF **A01**

DOE/PC/60805-T6
Cation Promotion Effects in Zeolite-Supported F-T Catalysts. Sixth Quarterly Report, December 1984-February 1985.
DE85009969 **18**-*541,957* PC **A03**/MF **A01**

DOE/PC/60805-T7
Cation Promotion Effects in Zeolite-Supported F-T Catalysts. Seventh Quarterly Report, March 1985-May 1985.
DE85014770 **24**-*557,130* PC **A02**/MF **A01**

DOE/PC/61256-T4
Coal Conversion Processes. Quarterly Report, March 13, 1984-June 12, 1984.
DE85006248 **11**-*525,782* PC **A03**/MF **A01**

DOE/PC/61256-T5
Coal Conversion Processes. Final Report, September 13-August 31, 1984.
DE85014877 **25**-*559,881* PC **A14**/MF **A01**

DOE/PC/63048-T1
LICADO Process for Super-Clean Coal. Quarterly Report, October-December 1983.
DE85004236 **11**-*525,713* PC **A02**/MF **A01**

DOE/PC/71503-T2
Pneumatic Transport of Coal by Steam.
DE85004200 **12**-*528,136* PC **A02**/MF **A01**

DOE/PC/71503-T4
Coal-Fluid Properties with an Emphasis on Dense Phase. Final Report.
DE85012025 **25**-*559,874* PC **A09**/MF **A01**

Heat and Mass Transfer during the Growth and Dissociation of Gas Hydrates in Porous Media.
(GRI-84/0104)
PB85-101434 **01**-*501,089* PC **A03**/MF **A01**

Heat and Mass Transfer during the Growth and Dissociation of Gas Hydrates in Porous Media. Final Report for March 1981 - November 1984.
(GRI-85/0016)
PB85-180511 **12**-*528,234* PC **A04**/MF **A01**

PITTSBURGH UNIV., PA. DEPT. OF CHEMISTRY.

DOE/ER/13017-T1
Infrared Studies of the Influence of Alkali Metals on the C-O Bond in Chemisorbed Carbon Monoxide. Progress Report.
DE85005306 **20**-*544,957* PC **A02**/MF **A01**

DOE/PC/10330-T1
Auger and Electron Energy Loss Spectroscopy Studies on Catalysts Used in Synthesis Gas Conversion Processes. Final Report.
DE85004101 **12**-*526,669* PC **A04**/MF **A01**

SQ08671-84-00661
Measurement of Rate Constants of Elementary Gas Reactions of Importance to Upper Atmosphere and Combustion Systems.
(AFOSR-TR-85-0503)
AD-A158 824/3 **25**-*557,950* PC **A02**/MF **A01**

TR-6
Characterization of Internal Salts by Laser Mass Spectrometry.
AD-A154 132/5 **17**-*537,622* PC **A02**/MF **A01**

Vibrational Relaxation of Highly Excited Diatomics.
(AFOSR-TR-85-0155)
AD-A150 806/8 **11**-*523,957* PC **A02**/MF **A01**

Vibratinal Relaxation of Highly Excited Diatomics. IV HF(v= 1-7) + CO2, N2C, and HF.
(AFOSR-TR-85-0154)
AD-A150 848/0 **11**-*523,959* PC **A02**/MF **A01**

Magnetic Properties of RNi4Fe Alloys (R = La, Ce, or Y).
(ARO-17165.53-MS)
AD-A157 745/1 **24**-*556,997* PC **A02**/MF **A01**

Magnetic Characteristics of CeNi5-xCux (x = 0,1,2,2.5,3, and 4) Alloys and Their Hydrides.
(ARO-17165.54-MS)
AD-A157 761/8 **24**-*556,998* PC **A02**/MF **A01**

Crystallography and Magnetism of Zirconium-Doped (Sm,Pr)2Co17 Alloys.
(ARO-17165.40-MS)
AD-A157 766/7 **24**-*556,591* PC **A02**/MF **A01**

Magnetization Behavior of RFe3-Hydrides (R = Tb, Er and Tm).
(ARO-17165.46-MS)
AD-A157 768/3 **24**-*556,999* PC **A02**/MF **A01**

Magnetic Behavior of RRh(3)B(2)(R= La to Gd) Ternary Borides.
(ARO-17165.39-MS)
AD-A157 849/1 **24**-*557,004* PC **A02**/MF **A01**

Magnetic Characteristics of Hyperstoichiometric ZrCrFeT0.8(T= Mn,Fe,Co and Ni) and Hydrides.
(ARO-17165.51-MS)
AD-A157 872/3 **24**-*557,006* PC **A02**/MF **A01**

Magnetic Behavior of Lower Hydrides of Y(6)Mn(23) and Th(6)Mn(23).
(ARO-17165.48-MS)
AD-A157 988/7 **24**-*557,012* PC **A02**/MF **A01**

Magnetic Properties of Zr(Cr1-xCox)2 Alloys and Their Hydrides.
(ARO-17165.47-MS)
AD-A158 342/6 **25**-*559,780* PC **A02**/MF **A01**

PITTSBURGH UNIV., PA. DEPT. OF CIVIL ENGINEERING.

SETEC-CE-85-003
Elastic-Plastic Analysis for Cyclic Loading Using a Linearized Yield Condition.
(NSF/CEE-84037)
PB85-149607 **08**-*518,142* PC **A05**/MF **A01**

Seismic Research for Highway Bridges (U.S.-Japan Program).
(NSF/CEE-84034)
PB85-152148 **08**-*517,244* PC **A99**/MF **E03**

PITTSBURGH UNIV., PA. DEPT. OF ELECTRICAL ENGINEERING.

DOE/NBM-5014336
Shape Study of Fine Coal Particles.
DE85014336 **23**-*554,456* PC **A02**/MF **A01**

Special Issue on Aspects of Spatial and Temporal Signal Processing.
(AFOSR-TR-84-0940)
AD-A147 870/0 **04**-*509,155* PC **A02**/MF **A01**

PITTSBURGH UNIV., PA. DEPT. OF MATHEMATICS AND STATISTICS.

15
Computational Synergetics.
(ARO-18452.4-MA)
AD-A151 243/3 **12**-*527,174* Not available NTIS

Convolution of the IFRA (Increasing Failure Rate Average) Scaled-Mins Class.
(AFOSR-TR-85-0109)
AD-A151 070/0 **11**-*524,541* PC **A02**/MF **A01**

Vortex Dynamics.
(ARO-18452.7-MA)
AD-A151 278/9 **12**-*527,909* PC **A02**/MF **A01**

Contour Dynamics for Two-Dimensional Flows.
(ARO-18452.3-MA)
AD-A151 306/8 **12**-*527,910* Not available NTIS

Elliptically Desingularized Vortex Model for the Two-Dimensional Euler Equations.
(ARO-18452.6-MA)
AD-A151 307/6 **12**-*527,911* Not available NTIS

Contour Dynamics: A Method for Inviscid and Nearly Inviscid Two-Dimensional Flows.
(ARO-18452.5-MA)
AD-A151 526/1 **12**-*527,916* Not available NTIS

The Role of the Tangent Mapping in Analyzing Bifurcation Behaviour.
(AFOSR-TR-85-0285)
AD-A152 976/7 **15**-*534,081* PC **A02**/MF **A01**

PITTSBURGH UNIV., PA. DEPT. OF METALLURGICAL AND MATERIALS ENGINEERING.

CONF-840767-11
TEM/FIM Study of Modulated Microstructures in the Fe-Be System.
DE85005379 **11**-*524,480* PC **A02**/MF **A01**

DOE/ER/10915-3
High Temperature Corrosion of Ceramics. Progress Report, June 15, 1983-June 14, 1984.
DE85002179 **06**-*513,512* PC **A05**/MF **A01**

DOE/ER/10915-4
High Temperature Corrosion of Ceramics. Final Report.
DE84017084 **02**-*504,033* PC **A05**/MF **A01**

DOE/ER/45117-1
High Temperature Corrosion of Ceramics. Progress Report, June 15, 1984-June 14, 1985.
DE85013481 **21**-*548,106* PC **A04**/MF **A01**

DOE/ET/10577-T3
Hot Corrosivity of Coal Conversion Product on High Temperature Alloys. Final Report.
DE84017248 **04**-*509,404* PC **A02**/MF **A01**

SETEC-MME-84-021
High Temperature Corrosion of Ceramics. Progress Report, June 15, 1983-June 14, 1984.
DE85002179 **06**-*513,512* PC **A05**/MF **A01**

SETEC-MME-85-002
High Temperature Corrosion of Ceramics. Final Report.
DE84017084 **02**-*504,033* PC **A05**/MF **A01**

Research Directed Advanced High Temperature Coating System Beyond Current State-of-the Art Systems.
(AFOSR-TR-84-1278)
AD-A150 696/3 **11**-*524,435* PC **A04**/MF **A01**

PITTSBURGH UNIV., PA. DEPT. OF PHARMACOLOGY.

Cofactor Modified Electrodes.
(ARO-18310.8-CH)
AD-A153 456/9 **18**-*535,648* Not available NTIS

PITTSBURGH UNIV., PA. DEPT. OF PHYSICS AND ASTRONOMY.

DOE/ER/10667-T2
Task A: Direct Photon Production (R807/808) and Lepton Production (NA34). Task B: Direct Photon Production at the Tevatron (E-706). Task C: Search for Fractional Charge Particles in Semiconductors. Progress Report, June 1, 1984-May 31, 1985.
DE85005202 **11**-*525,472* PC **A06**/MF **A01**

DOE/ER/45131-T1
Fluid Physics Research. Progress Report, August 1, 1984-June 30, 1985.
DE85014644 **22**-*551,296* PC **A02**/MF **A01**

Fabry-Perot Interferometer and Skymapping Photometer Determinations of Midlatitude F-Region Neutral Winds and Temperatures and Airglow Enhancement/Depletions.
(AFGL-TR-84-0260)
AD-A150 730/0 **11**-*523,355* PC **A02**/MF **A01**

Studies of Equatorial 630.0 nm Airglow Enhancements Produced by a Chemical Release in the F-Region.
(AFOSR-TR-85-0300)
AD-A152 700/1 **14**-*530,899* PC **A02**/MF **A01**

PITTSBURGH UNIV., PA. GRADUATE SCHOOL OF PUBLIC HEALTH.

Critical Review of Epidemiologic Studies Related to Ingested Asbestos.
(EPA/600/J-83/258)
PB85-109437 **02**-*503,352* Not available NTIS

Organohalide Formation on Chlorination of Algal Extracellular Products.
(EPA/600/J-84/244)
PB85-174100 **13**-*528,805* Not available NTIS

Design and Calibration of a Low Flow Parallel Stage Impactor.

PB85-243012 **26**-*560,372* PC **A04**/MF **A01**

PITTSBURGH UNIV., PA. INST. FOR COMPUTATIONAL MATHEMATICS AND APPLICATIONS.

ICMA-84-68
Program Design for an Adaptive, Non-Linear Finite Element Solver.
AD-A148 880/8 **07**-*514,802* PC **A02**/MF **A01**

ICMA-84-76
Verification of a Class of Deadlock-Free, Self-Timed, Computational Arrays.
AD-A146 272/0 **01**-*501,640* PC **A03**/MF **A01**

Non-Isometric Flow through a Axisymmetric Central Body Combustor via the Dual Variable Method.
(AFOSR-TR-85-0632)
AD-A158 292/3 **24**-*557,069* PC **A02**/MF **A01**

PITTSBURGH UNIV., PA. LEARNING RESEARCH AND DEVELOPMENT CENTER.

TR-8
Thoughts on Expertise.
AD-A157 394/8 **23**-*552,196* PC **A03**/MF **A01**

PITTSBURGH UNIV., PA. SCHOOL OF ENGINEERING.

DOE/MC/21387-T1
Use of Solid Collectors for Control of Emissions in Advanced Coal Conversion Processes. Progress Report, January-March 1985.
DE85011925 **22**-*550,636* PC **A02**/MF **A01**

PITTSBURGH UNIV., PA. SCHOOL OF MEDICINE.

Metabolic Properties of Isolated Rat Liver Cell Preparations Enriched in Epithelial Cells Other Than Hepatocytes.
(EPA/600/J-83/284)
PB85-176907 **14**-*531,225* Not available NTIS

PITTSBURGH UNIV., PA. SURFACE SCIENCE CENTER.

3
Studies of SiC Formation on Si(100) by Chemical Vapor Deposition.
AD-A146 640/8 **01**-*501,039* PC **A03**/MF **A01**

PITTSBURGH UNIV., PA. WESTERN PSYCHIATRIC INST.

TR-09-84-02
Job Complexity and Cognitive Performance in Bank Personnel.
AD-A147 128/3 **02**-*503,151* PC **A03**/MF **A01**

TR-09-84-03
Cognitive Asymmetry and Occupation. Computer Programmers, Students, and Bank Personnel. Part 1 and Part 2.
AD-A147 125/9 **02**-*503,115* PC **A03**/MF **A01**

PLANMETRICS, INC., NEW YORK.

CONF-830660-15
Cultural Categories of Energy Use.
DE85780803 **23**-*553,012* PC **A02**/MF **A01**

INIS-mf-9616
Cultural Categories of Energy Use.
DE85780803 **23**-*553,012* PC **A02**/MF **A01**

PLANNING AND MANAGEMENT ASSOCIATES OF GREATER WASHINGTON, INC., DC.

DOE/SF/11447-T1
Active Solar Cooling Workshop. Final Report.
DE85004228 **08**-*517,045* PC **A03**/MF **A01**

PLANNING SYSTEMS, INC., MCLEAN, VA.

Shear Wave Attenuation in Unconsolidated Laboratory Sediments.
(NORDA-TN-159)
AD-A152 612/8 **14**-*531,543* PC **A12**/MF **A01**

PLANNING SYSTEMS, INC., SLIDELL, LA.

Commercial Data Base Management System for Geonames Data Base.
(NORDA-73)
AD-A150 835/7 **11**-*524,234* PC **A03**/MF **A01**

PLANNING SYSTEMS INTERNATIONAL, INC., FALLS CHURCH, VA.

Systematic Determination of Skill and Simulator Requirements for Airline Transport Pilot Certification.
(DOT/FAA/VS-84/1)
AD-A154 135/8 **17**-*537,333* PC **A11**/MF **A01**

Systematic Determination of Skill and Simulator Requirements for Airpline Transport Pilot Certification.
(DOT/FAA/VS-84/1)
PB85-197275 **17**-*537,367* PC **A11**/MF **A01**

PLANT RESOURCES INST., SALT LAKE CITY, UT.

Whole Plant Utilization of Sunflowers as a Renewable Source of Strategic Materials (Rubber).
(ARO-20679.1-MS-S)
AD-A155 833/7 **21**-*548,200* PC **A02**/MF **A01**

PLASTICS AND RUBBER INST., LONDON (ENGLAND).

International Adhesion Conference Held at University of Nottingham on September 12-14, 1984.
PB85-116721 **03**-*506,366* PC **E11**/MF **E11**

POLYCON '83 - Reactive Processsing Opportunities and Constraints, Papers and Proceedings, Held at Leeuwenhorst Congres Center, Noordwijkerhout, Netherlands on 18-20 May 1983.
PB85-117695 **03**-*506,470* PC **E07**/MF **E07**

Radiation Processing for Plastics and Rubber 2. International Conference Held at University of Kent at Canterbury on 28-30 March 1984.
PB85-144194 **07**-*515,014* PC **E11**/MF **E11**

Automate or Liquidate Conference Held at the Metropole Hotel, Brighton on May 16-18, 1984.
PB85-144202 **07**-*515,157* PC **E07**/MF **E07**

New Markets Through Improved Performance, Reinforced Thermoset Injection International Conference Held at the Library Theatre, Solihull on October 9-10, 1984.
PB85-144210 **07**-*515,158* PC **E06**/MF **E06**

Plastics on the Road '84: International Conference Held at London, England on 5-6 December 1984.
PB85-160059 **10**-*522,170* PC **E06**/MF **E06**

POLYCON '84 - LLDPE. Papers and Proceedings Held at Leeuwenhorst Congres Center, Noordwijkerhout, Netherlands on 9-11 May 1984.
PB85-184851 **15**-*534,065* PC **E07**/MF **E07**

Mouldmaking '85 - A Conference Held at Library Theatre, Solihull, West Midlands on 31 January 1985.
PB85-185940 **16**-*536,339* PC **E04**/MF **E04**

Plastics Pipes: International Conference (6th) Held at University of York (England) on March 26-28, 1985.
PB85-229631 **23**-*553,193* PC **E12**/MF **E12**

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DE85007139 **13**-*530,488* PC **A02**/MF **A01**

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DE85011581 **19**-*544,214* PC **A04**/MF **A01**

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DE84017064 **02**-*505,038* PC **A03**/MF **A01**

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DE84017068 **02**-*505,040* PC **A02**/MF **A01**

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DE85002114 **04**-*509,991* PC **A03**/MF **A01**

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DE85002127 **04**-*510,342* PC **A02**/MF **A01**

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DE85002124 **04**-*509,993* PC **A02**/MF **A01**

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DE85008712 **15**-*535,030* PC **A02**/MF **A01**

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DE85002129 **04**-*509,995* PC **A02**/MF **A01**

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DE85002723 **06**-*514,223* PC **A03**/MF **A01**

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DE85002701 **06**-*514,220* PC **A03**/MF **A01**

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DE85002708 **06**-*514,221* PC **A02**/MF **A01**

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DE85002722 **06**-*514,222* PC **A02**/MF **A01**

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DE85002706 **07**-*515,526* PC **A02**/MF **A01**

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DE85004400 **08**-*518,052* PC **A02**/MF **A01**

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DE85002707 **09**-*519,909* PC **A03**/MF **A01**

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DE85004167 **08**-*518,050* PC **A04**/MF **A01**

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DE85002705 **09**-*520,609* PC **A02**/MF **A01**

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DE85004401 **09**-*519,919* PC **A04**/MF **A01**

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DE85005095 **11**-*524,966* PC **A06**/MF **A01**

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DE85002711 **07**-*515,335* PC **A02**/MF **A01**

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DE85004396 **09**-*519,918* PC **A03**/MF **A01**

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DE85004402 **11**-*525,527* PC **A03**/MF **A01**

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DE85003885 **10**-*523,064* PC **A03**/MF **A01**

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DE85007140 **13**-*529,987* PC **A02**/MF **A01**

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DE85004399 **09**-*520,614* PC **A04**/MF **A01**

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DE85004398 **08**-*515,817* PC **A02**/MF **A01**

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DE85004403 **08**-*518,053* PC **A03**/MF **A01**

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DE85005339 **11**-*524,969* PC **A02**/MF **A01**

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DE85005341 **11**-*525,537* PC **A02**/MF **A01**

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DE85003709 **20**-*546,859* PC **A02**/MF **A01**

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DE85004397 **09**-*520,613* PC **A02**/MF **A01**

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DE85007137 **13**-*530,486* PC **A02**/MF **A01**

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DE85005338 **11**-*525,535* PC **A03**/MF **A01**

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DE85005352 **11**-*525,541* PC **A02**/MF **A01**

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DE85005342 **11**-*525,538* PC **A03**/MF **A01**

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DE85005351 **11**-*524,972* PC **A03**/MF **A01**

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DE85007222 **13**-*530,491* PC **A03**/MF **A01**

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DE85007221 **13**-*530,490* PC **A02**/MF **A01**

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DE85007136 **13**-*529,986* PC **A02**/MF **A01**

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TR-84-33
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AD-A146 179/7 **01**-*501,631* PC **A03**/MF **A01**

TR-84-37
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TR-84-39
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AD-A147 617/5 **04**-*509,475* PC **A02**/MF **A01**

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PB85-103257 **01**-*501,783* PC **A04**/MF **A01**

JHRP-84-5
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AD-A153 423/9 **16**-*535,804* Not available NTIS

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AD-A153 450/2 **16**-*535,809* Not available NTIS

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AD-A151 221/9 **12**-*528,105* PC **A02**/MF **A01**

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(AFOSR-TR-85-0064)
AD-A151 799/4 **13**-*530,522* PC **A04**/MF **A01**

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AD-A147 211/7 **03**-*506,085* PC **A05**/MF **A01**

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(NSF/CEE-84056)
PB85-234987 **23**-*553,628* PC **A03**/MF **A01**

CE-STR-84-45
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DE85011179 **18**-*540,754* PC **A12**/MF **A01**

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DE85008396 **15**-*533,938* PC **A07**/MF **A01**

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DE85006821 **23**-*553,029* PC **A09**/MF **A01**

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AD-A149 782/5 **09**-*519,143* PC **A04**/MF **A01**

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(ARO-18016.13-EL-A)
AD-A158 385/5 **25**-*558,153* PC **A02**/MF **A01**

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AD-A158 496/0 **25**-*558,163* PC **A03**/MF **A01**

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AD-A158 048/9 **24**-*555,823* PC **A03**/MF **A01**

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DE85002768 **11**-*524,467* PC **A04**/MF **A01**

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CONF-850170-3
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CONF-850170-4
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CONF-850671-20
Determination of Rock Mass Deformation Modulus During Hydraulic Fracturing.
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CONF-850765-33
Simulation of Glovebox Nondestructive Assay to Aid in Error Estimation and Measurement Procedure Design.
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Ratio Gamma (B Yields Di(nu))/Gamma (B Yields (D star)i(nu)) in the Quark Model,
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TR-15
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(NASA-CR-175302)
N85-33184/1 26-*560,088* PC **A02**/MF **A01**

NAS 1.26:175505
Development of High Resolution Imaging Detectors for X-Ray Astronomy.
(NASA-CR-175505)
N85-22266/9 14-*530,878* PC **A02**/MF **A01**

NAS 1.26:175622
Normal Incidence, High Resolution X-Ray Telescope for Solar Coronal Observations.
(NASA-CR-175622)
N85-23461/5 15-*532,971* PC **A04**/MF **A01**

NAS 1.26:175623
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(NASA-CR-175623)
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NAS 1.26:175631
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(NASA-CR-175631)
N85-23471/4 15-*532,974* PC **A02**/MF **A01**

NAS 1.26:175632
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(NASA-CR-175632)
N85-23677/6 15-*532,978* PC **A02**/MF **A01**

NAS 1.26:175855
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(NASA-CR-175855)
N85-26854/8 19-*544,460* PC **A04**/MF **A01**

NAS 1.26:175917
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(NASA-CR-175917)
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(NASA-CR-175997)
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N85-29980/8 22-*550,839* PC **A03**/MF **A01**

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NAS 1.26:176063
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(NASA-CR-176063)
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NAS 1.26:176150
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(NASA-CR-176150)
N85-33624/6 26-*560,523* PC **A02**/MF **A01**

PR-9
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N85-33184/1 26-*560,088* PC **A02**/MF **A01**

QPR-1
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(NASA-CR-171278)
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QR-2
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(NASA-CR-171433)
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SAPR-2
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SAPR-3
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SAPR-9
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SAR-3
Research Relative to the Development of a Cryogenic Microwave Cavity Gradiometer for Orbital Use.
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N85-16095/0 10-*522,494* PC **A03**/MF **A01**

SAR-18
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SASR-3
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DE85750682 **17**-*539,104* PC **A02**/MF **A01**

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DE85750686 **17**-*539,106* PC **A02**/MF **A01**

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DE85750684 **17**-*538,697* PC **A02**/MF **A01**

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N85-33277/3 **26**-*561,022* PC **A05**/MF **A01**

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N85-31654/5 **23**-*553,077* PC **A02**/MF **A01**

SNIAS-851-440-102
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N85-31655/2 **23**-*553,078* PC **A02**/MF **A01**

SNIAS-851-440-103
Spot Solar Array.
N85-31656/0 **23**-*553,079* PC **A02**/MF **A01**

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Study of Concentration for Space Photovoltaic Generators.
N85-31658/6 **23**-*553,080* PC **A02**/MF **A01**

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N85-33183/3 **26**-*562,072* PC **A08**/MF **A01**

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N85-31051/4 **23**-*552,312* PC **A02**/MF **A01**

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N85-28956/9 **21**-*549,254* PC **A03**/MF **A01**

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N85-13154/8 **07**-*515,345* PC **A02**/MF **A01**

SNIAS-842-422-102
Optimisation de l'Injection des Thermoplastiques Thermostables Peek Renforces de Fibres Courtes de Carbone (Optimization of the Injection Process for Thermostatic Polyether-Ether-Ketone (Peek) Thermoplastics Reinforced with Short Carbon Fibers).
N85-13062/3 **07**-*515,013* PC **A02**/MF **A01**

SNIAS-842-422-104
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N85-13172/0 **07**-*514,794* PC **A02**/MF **A01**

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SNIAS-851-210-102
New Main Rotor Hub for the as 332 Super Puma.
N85-31047/2 **23**-*551,920* PC **A02**/MF **A01**

SNIAS-851-210-103
Standardization of Helicopter Certification Requirements in the Western World.
N85-31048/0 **23**-*551,921* PC **A02**/MF **A01**

SNIAS-851-210-104
Automated Fabrication of Composite Structures for Helicopters.
N85-31049/8 **23**-*553,551* PC **A02**/MF **A01**

SNIAS-851-210-105
Application of Finite Element Method to the Sizing of Mechanical Parts.
N85-31515/8 **23**-*551,926* PC **A02**/MF **A01**

SNIAS-851-210-106
Research Flight Simulator for Helicopters (RFSH): Description and Application to Fire Control System Design.
N85-31050/6 **23**-*551,922* PC **A02**/MF **A01**

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SNIAS-841-210-102
Beitrag der Industrie Zur Besseren Anpassung des Hubschraubers an Militarische Forderungen (Contribution of the Industry to a Better Adaptation of Helicopters to Military Requirements).
N84-33367/3 **01**-*500,037* PC **A02**/MF **A01**

SNIAS-841-320-101
Technologies des Missiles Tactiques: Recherches et Perspectives d'Avenir (Tactical Missiles Technologies. Research and Prospectives).
N85-12925/2 **07**-*515,276* PC **A03**/MF **A01**

SNIAS-841-501-101
L'Electroformage du Nickel (Electroforming of Nickel).
N85-13085/4 **07**-*515,148* PC **A03**/MF **A01**

SNIAS-851-320-101
Modelisation de l'Ecoulement au Culot des Missiles (Flow Modeling at the Base Region of Missiles).
N85-31228/8 **23**-*553,756* PC **A03**/MF **A01**

SNIAS-851-422-104
Laveugle et le Paralytique ou la Notion Doutil Revelee et Integree dans UN Autre Contexte Dorganisation (The Blind and the Paralyzed: The Notion of the Tool Revealed and Integrated in a Different Organization Environment).
N85-31835/0 **23**-*552,339* PC **A02**/MF **A01**

SNIAS-851-502-101
Les Besoins de l'Aeronautique en Nouveaux Materiaux (New Materials Needs in Aeronautics).
N85-33120/5 **26**-*559,995* PC **A02**/MF **A01**

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SNIAS-851-430-101
Description Dune Installation de Controle Non Destructif Par Interferometrie Holographique: Application au Controle des Collages (Description of an Holographic Interferometry Nondestructive Test Installation: Application to Bond Tests).
N85-31521/6 **23**-*553,674* PC **A02**/MF **A01**

SNIAS-851-430-102
Utilisation de Systemes de Mesure Micro-Onde pour l'Automatisation des Fabrications de Materiaux Composites (Utilization of Microwave Measuring Systems for the Automation of Composite Materials Manufacturing).
N85-33197/3 **26**-*560,909* PC **A02**/MF **A01**

SOCIETE NATIONALE INDUSTRIELLE AEROSPATIALE, SURESNES (FRANCE). LAB. CENTRAL.

CN-47.134
Philosophie du Controle Non Destructif pour le Controle de la Qualite en Aeronautique: Connaissance et Amelioration de la Securite du Controle Non Destructif (Philosophy of Nondestructive Control in Aeronautics Quality Control. Knowledge of and Improvements to Nondestructive Test Safety).
N85-31522/4 **23**-*553,675* PC **A03**/MF **A01**

CN-47.171
Les Elastomeres Utilises dans l'Industrie Aeronautique (Elastomers Used in Aeronautics Industry).
N85-31304/7 **23**-*553,201* PC **A03**/MF **A01**

CN-47.191
Materiaux Speciaux: Les Carbones (Special Materials: Carbons).
N85-31235/3 **23**-*552,520* PC **A03**/MF **A01**

PROCES-VERBAL-43/946/F
Perfectionnement des Lois de Fissuration par Fatigue sous Chargement Complexe (Perfecting the Fatigue Cracking Laws under Complex Loads).
PB85-145068 **07**-*515,006* PC **E04**/MF **E04**

PROCES-VERBAL-43/954/F
Etude d'une Methode de Detection par Ultrasons des Defauts de Collage dans des Structures en Alliages Legeers Collees (Study of an Ultrasound Detection Method of Adherence Defects in Structures Made of Light Glued Alloys).
PB85-197945 **18**-*541,221* PC **E05**/MF **E05**

PROCES-VERBAL-43/954/F/2
Controle non Destructif de la Corrosion dans les Assemblages en Alliages d'Aluminium (Non-Destructive Control of Corrosion in Aluminum Alloy Assemblies).
PB85-204923 **18**-*541,359* PC **E04**/MF **E04**

PROCES-VERBAL-43/954/F/3
Controle Non Destructif d'Assemblage de Fortes Epaisseurs sans Demontage des Fixations (Non-Destructive Control of Thick Assemblies Without Dismounting the Settings).
PB85-204915 **18**-*541,255* PC **E04**/MF **E04**

PROCES-VERBAL-44/606/F
Caracterisation de l'Alliage d'Aluminium 7010 en Tole Semi-Epaisse, aux Etats Metallurgiques T 651 et T 7651 (Characterization of Aluminum Alloy 7010 in Semi-Thick Sheets, in Metallurgical States T 651 and T 7651).
PB85-119824 **04**-*509,443* PC **E04**/MF **E04**

PROCES-VERBAL-44/607/F
Caractierisation de l'Alliage d'Aluminium 7010 en Gros Profiles, aux Etats Metallurgiques T 6510, T 76510 et T 736510 (Characterization of 7010 Aluminum Alloy in Heavy Sections in Metallurical States T 6510, T 76510 and T 736510).
PB85-222958 **22**-*550,480* PC **E05**/MF **E05**

PROCES-VERBAL-44/833/F
Seuil de Detectabilite des Defauts dans les Assemblages Rives (Detectability Threshold of Defects in Rivet Assemblies).
PB85-117307 **03**-*506,725* PC **E09**/MF **E09**

PV-43-954/F
Etude d'Une Methode de Detection Par Ultrasons des Defauts de Collage dans des Structures en Alliages Legers Collees, Proces Verbal 43-954/F (Study of an Ultrasonic Detection Method to Inspect Bonding Effects in Light Alloy Bonded Structures, Test Report No. 43-954/F).
N85-33510/7 **26**-*561,284* PC **A05**/MF **A01**

REPT-42-727/F
Etude de la Fissuration Par Delaminage Sous Sollicitations Statiques et Cycliques de Materiaux Composites Carbone-Epoxy, Proces Verbal No. 42-787/F (Study of Delamination Cracking under Static and Cyclic Loads of Carbon-Epoxy Composite Materials).
N85-12102/8 **06**-*513,548* PC **A05**/MF **A01**

REPT-44-606/F
Caracterisation de l'Alliage d'Aluminium 7010 en Tole Semi-Epaisse, aux Etats Metallurgiques T 651 et T 7651, Proces Verbal No. 44-606/F (Characterization of Aluminum Alloy 7010 in Moderate Width Plate and T651 and T7651 Metallurgical States).
N85-13961/6 **08**-*516,906* PC **A04**/MF **A01**

REPT-45.387/1
Influence de la Methode d'Essai et de la Rigidite du Materiau sur les Dommages Occasionnes Par les Chocs a Basse Vitesse sur Composites Carbone Epoxy. Proces Verbal No. 45.387/1 (Influence of Test Method and Material Stiffness on the Damage Produced by Low Velocity Impacts on Carbon-Epoxy Composites No. 45.387/1).
N85-12100/2 **06**-*513,546* PC **A02**/MF **A01**

SNIAS-842-551-101
Les Materiaux Structuraux Modernes Situation Actuelles et Perspectives d'Evolution (Modern Structural Materials. Present Situation and Evolution Prospects).
N85-12886/6 **07**-*514,335* PC **A04**/MF **A01**

SNIAS-851-551-101
Philosophie du Controle Non Destructif pour le Controle de la Qualite en Aeronautique: Connaissance et Amelioration de la Securite du Controle Non Destructif (Philosophy of Nondestructive Control in Aeronautics Quality Control. Knowledge of and Improvements to Nondestructive Test Safety).
N85-31522/4 **23**-*553,675* PC **A03**/MF **A01**

SNIAS-851-551-103
Les Elastomeres Utilises dans l'Industrie Aeronautique (Elastomers Used in Aeronautics Industry).
N85-31304/7 **23**-*553,201* PC **A03**/MF **A01**

SNIAS-851-551-104
Materiaux Speciaux: Les Carbones (Special Materials: Carbons).
N85-31235/3 **23**-*552,520* PC **A03**/MF **A01**

SNIAS-2500/DCI-PR/84
Etudes Generales sur les Materiaux Composites. Evaluation de Produits d'Environnement d'Origine Nationale (General Studies on Composite Materials. Evaluation of Auxiliary Products of National Origin).
N85-12101/0 **06**-*513,547* PC **A03**/MF **A01**

Influence de la Relaxation sur les Caracteristiques Mecaniques d'UN Composite Carbone Epoxy, Proces-Verbal No. 45.427/1 (Influence of Relaxation on the Mechanical Characteristics of a Carbon-Epoxy Composite. Report No. 45.427/1).
N85-12980/7 **07**-*514,976* PC **A02**/MF **A01**

Assurance Qualite des Materiaux Composites, Proces-Verbal No. 45-649/F (Quality Assurance of Composite Materials, Test Report No. 45-649/F).
N85-12981/5 **07**-*514,977* PC **A04**/MF **A01**

Seuil de Detectabilite des Defauts dans les Assemblages Rives, Proces-Verbal No.44-833/F (Defect Detection Threshold in Riveted Joints, Test Report No.44-833/F).
N85-13260/3 **07**-*515,256* PC **A09**/MF **A01**

Influence de la Methode d'Essai et de la Rigidite du Materiau sur les Dommages Occasionnes par les Chocs a Basse Vitesse sur Composites Carbone Epoxy (Effect of Testing Method and Material Rigidity on Damages Caused by Low Speed Shocks on Carbon Epoxy Composites).
PB85-103653 **01**-*501,522* PC **E03**/MF **E03**

Evaluation de Produits d'Environnement d'Origine Nationale (Evaluation of Environmental Products of Domestic Origin).
PB85-104487 **02**-*502,985* PC **E04**/MF **E04**

Influence de la Relaxation sur les Caracteristiques Mecaniques d'un Composite Carbone Epoxy (Influence of Relaxation on the Mechanical Properties of a Carbon Epoxy Composite).
PB85-105443 **01**-*501,580* PC **E03**/MF **E03**

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AERO-443.501/85
Aerodynamique des Systemes Hypersustentateurs (Aerodynamics of Hyperlift Systems).
PB85-218592 **20**-*544,490* PC **E05**/MF **E05**

AERO-443.529/84
Analyse des Systemes Hypersustentateurs. Etude d'une Methode de Singularites (Analysis of Hyper-Lift Systems. Study of a Singularity Method).
PB85-218493 **20**-*546,512* PC **E04**/MF **E04**

SNIAS-440-070/84
Etude de Nouveaux Algorithmes de Calcul sur Superordinateurs Application au Calcul Mimd (Study of New Computing Algorithms for Supercomputers. Application to Parallel Processing Computation).
N85-31860/8 **23**-*552,820* PC **A06**/MF **A01**

SNIAS-842-111-101
Un Systeme de Documentation Electronique (An Electronic Documentation System).
N85-13683/6 **07**-*514,449* PC **A02**/MF **A01**

SNIAS-851-111-104
Aero-Electronica Y Sistemas de Los Aviones Civiles: El Presente Y El Futuro (Avionics and Civil Aircraft Systems: The Present and the Future).
N85-31038/1 **23**-*551,931* PC **A03**/MF **A01**

SNIAS-851-111-105
La Corrosion dans les Structures d'Avions Civils (Corrosion in Civil Aircraft Structures).
N85-31291/6 **23**-*553,166* PC **A02**/MF **A01**

SNIAS-851-111-106
Calculation of Transonic Flows around an Aircraft Configuration with Motorized Nacelle.
N85-31008/4 **23**-*551,875* PC **A02**

SNIAS-851-111-109
Load Transfer by Analytical Methods.
N85-31561/2 **23**-*554,299* PC **A03**/MF **A01**

SNIAS-851-111-111
Conception de la Nacelle a-320 (Design of the Nacelle for the a-320 Aircraft).
N85-31046/4 **23**-*551,919* PC **A03**/MF **A01**

SOCIETE POUR LA MESURE ET LE TRAITEMENT DES MILIEUX FLUIDES, LYON (FRANCE).

Analyse du Bruit Emis par un Fenestron (Analysis of the Noise Emitted by a Fenestron).
PB85-237972 **24**-*554,557* PC **E06**/MF **E06**

SOCIETE POUR LE PERFECTIONNEMENT DES MATERIELS ET EQUIPEMENTS AEROSPATIAUX, VELIZY-VILLACOUBLAY (FRANCE).

SOPEMEA/NT-734
Etude Concernant la Mesure d'Humidite (Study Concerning the Measurement of Humidity).
PB85-161719 **11**-*523,397* PC **E04**/MF **E04**

SOPEMEA/NT-736
Possibilites des Moyens Actuels de Pilotage pour la Realisation d'Essais de Bruit avec Adjonction de Raies Sinus ou de Bruit a Bande Etroite (Possibilities of Present Piloting Means for the Execution of Noise Tests with the Addition of Sinus Rays or Narrow-Band Noise).
PB85-172856 **12**-*526,955* PC **E04**/MF **E04**

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Biomaterials '84: Transactions World Congress on Biomaterials (2nd), Annual Meeting of the Society for Biomaterials (10th), International Biomaterials Symposium (16th). Volume 7. Held at Washington, DC on April 27-May 1, 1984.
AD-A152 173/1 **13**-*528,797* PC **A19**/MF **A01**

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AD-A149 814/6 **09**-*520,176* Not available NTIS

Survey and Expository Papers on Topics of Current Interest in Applied Mathematics.
(ARO-13926.1-MA)
AD-A158 418/4 **25**-*558,503* PC **A02**/MF **A01**

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Proceedings: Internatonal Technical Communication Conference (31st, Seattle, Washington, April 29-May 2, 1984).
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SOCIETY OF AUTOMOTIVE ENGINEERS, INC., WARRENDALE, PA.

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DE85000072 **17**-*538,605* PC **A18**/MF **A01**

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NP-5900018
Central Solar Heating Plants with Seasonal Storage: Basic Design Data for the Heat Distribution System.
DE85900018 **08**-*517,061* PC **A06**/MF **A01**

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Spar Improved Structural-Fluid Dynamic Analysis Capability.
(NASA-CR-171549)
N85-31449/0 **23**-*554,198* PC **A05**/MF **A01**

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(NASA-CR-171549)
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SOFTECH, INC., DAYTON, OH.

3285-2-15.2
Ada Compiler Validation Summary Report: TeleSoft (TeleSoft Ada) Compiler, Version 2.0a2 for Callan Unistar 300, Using System V Version 4.1a.
AD-A147 115/0 **02**-*503,808* PC **A04**/MF **A01**

Ada Compiler Validation Summary Report: New York University (NYU Ada/Ed) Compiler, Version 1.4 for VAX 11/780, Using VMS 3.5.
AD-A146 924/6 **02**-*503,799* PC **A04**/MF **A01**

Ada Compiler Validation Summary Report: TeleSoft (TeleSoft Ada) Compiler, Version 2.0a2 for Sun 120 Motorola M68010, Using 4.2 BSD UNIX - Sun Version 1.1.
AD-A146 925/3 **02**-*503,800* PC **A04**/MF **A01**

SOFTECH, INC., FAIRBORN, OH.

AVF-TAR-04.1184
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AD-A149 340/2 **08**-*516,597* PC **A04**/MF **A01**

HLLM (High Level Language Machine) Software Support.
(AFWAL-TR-85-1009)
AD-A154 828/8 **18**-*540,587* PC **A15**/MF **A01**

Ada (Trademark) Compiler Validation Summary Report: Verdix Ada Compiler, Verdix Ada Development System (VADS) VAda 010-1010, Version V05.00, For Sun Microsystems Model 2/120 Using UNIX (Trademark) 4.2 BSD, Release 1.1.
AD-A157 574/5 **23**-*552,806* PC **A03**/MF **A01**

Ada (trade name) Compiler Validation Summary Report: Rational Environment, Version A.2.0.6 for Rational R1000.
AD-A157 830/1 **24**-*555,493* PC **A03**/MF **A01**

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1050-61.2
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AD-B063 770/2 **19**-*543,601* PC **A05**/MF **A01**

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AD-A149 214/9 **08**-*516,588* PC **A03**/MF **A01**

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AD-A146 783/6 **02**-*503,791* PC **A23**/MF **A01**

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(NASA-CR-171302)
N85-19360/5 **13**-*530,693* PC **A06**/MF **A01**

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CS-1984-12
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(AFOSR-TR-84-1094)
AD-A148 789/1 **06**-*513,429* PC **A03**/MF **A01**

SAE-DC-85-R-004
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AD-A152 519/5 **14**-*532,405* PC **A03**/MF **A01**

SOFTWARE OPTIONS, INC., CAMBRIDGE, MA.

SO-01-85
Development of a Programming Support System for Rapid Prototyping. Tasks 2 and 3.
AD-A151 549/3 **12**-*526,906* PC **A06**/MF **A01**

SOFTWARE SYSTEMS TECHNOLOGY, INC., COLLEGE PARK, MD.

Computer Science and Technology: A Guide to Performance Evaluation of Database Systems.
(NBS/SP-500/118)
PB85-155794 **08**-*516,651* PC **A04**/MF **A01**

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PB85-222495 **21**-*548,579* PC **A08**/MF **A01**

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DE85900092 **04**-*509,640* PC **A02**/MF **A01**

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PB85-175149 **14**-*531,599* PC **A03**/MF **A01**

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PB85-174662 **14**-*531,218* PC **A03**/MF **A01**

SCS/ENG/AEN-3
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PB85-174837 **14**-*531,220* PC **A02**/MF **A01**

SCS/ENG/DN-12
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PB85-236438 **25**-*558,462* PC **A02**/MF **A01**

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PB85-173805 **13**-*529,675* PC **A02**/MF **A01**

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PB85-177582 **13**-*529,685* PC **A03**/MF **A01**

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PB85-182350 **15**-*532,943* PC **A06**/MF **A01**

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PB85-182301 **15**-*532,941* PC **A07**/MF **A01**

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PB85-238574 **24**-*554,722* PC **A15**/MF **A01**

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PB85-179521 **15**-*534,188* PC **A03**/MF **A01**

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PB85-178390 **14**-*530,827* PC **A05**/MF **A01**

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PB85-185171 **16**-*536,268* PC **A03**/MF **A01**

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Graphical Solutions of Geologic Problems.
PB85-191765 **16**-*535,932* PC **A04**/MF **A01**

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PB85-189173 **17**-*537,065* PC **A10**/MF **A01**

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PB85-178606 **15**-*534,187* PC **A03**/MF **A01**

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PB85-179869 **15**-*534,190* PC **A05**/MF **A01**

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PB85-243681 **26**-*561,082* PC **A04**/MF **A01**

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PB85-175578 **14**-*530,836* PC **A02**/MF **A01**

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PB85-181576 **14**-*532,248* PC **A05**/MF **A01**

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AD-A149 138/0 **08**-*516,586* PC **A03**/MF **A01**

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(RADC-TR-84-128)
AD-A148 733/9 **06**-*513,424* PC **A04**/MF **A01**

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AD-A148 482/3 **05**-*511,130* PC **A02**/MF **A01**

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AD-A153 607/7 **16**-*535,992* PC **A23**/MF **A01**

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DE85780588 **17**-*538,905* PC **A99**/MF **A01**

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DE84780610 **05**-*512,357* PC **A22**/MF **A01**

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DE85780222 **13**-*530,144* PC **A04**/MF **A01**

SAAS-314
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SAAS-316
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SAAS-317
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DE85780448 **15**-*533,300* PC **A02**/MF **A01**

SAAS-318
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Understanding HVAC (Heating, Ventilating and Air Conditioning) Controls for Better Energy Efficiency.
(IL/ENR/BE-85/01)
PB85-247518 **26**-*561,026* PC **A06**/MF **A01**

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STANDARD PRODUCTS CO., PORT CLINTON, OH.

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T-156 Track with Removable Pad.
(TACOM-TR-13025)
AD-A148 712/3 **06**-*514,039* PC **A02**/MF **A01**

4702
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(TACOM-TR-13026)
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Accurate Determination of Optical Fibre Length from Measurements in the Frequency Domain,
PB85-114932
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DE85002628 **07**-*515,558* PC **A02**/MF **A01**

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DE85007711 **13**-*530,373* PC **A03**/MF **A01**

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DE85005658 **12**-*527,970* PC **A02**/MF **A01**

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DE85007080 **12**-*527,978* PC **A02**/MF **A01**

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DE85007739 **13**-*530,376* PC **A02**/MF **A01**

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DE85008869 **14**-*532,619* PC **A02**/MF **A01**

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DE85010964 **17**-*539,376* PC **A02**/MF **A01**

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DE85011705 **20**-*546,537* PC **A02**/MF **A01**

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DE85011706 **22**-*551,342* PC **A02**/MF **A01**

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DE85012006 **22**-*551,348* PC **A02**/MF **A01**

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DE85015138 **24**-*556,736* PC **A02**/MF **A01**

SLAC-CN-306
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DE85015605 **25**-*559,465* PC **A02**/MF **A01**

SLAC-PUB-3262
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DE84005326 **02**-*504,949* PC **A02**/MF **A01**

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DE85006317 **14**-*532,683* PC **A02**/MF **A01**

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DE84012513 **02**-*504,959* PC **A02**/MF **A01**

SLAC-PUB-3373
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DE85002720 **09**-*520,471* PC **A02**/MF **A01**

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DE84016457 **02**-*504,920* PC **A02**

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SLAC-PUB-3381
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DE85006310 **11**-*525,422* PC **A03**/MF **A01**

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DE84015879 **02**-*502,858* PC **A02**/MF **A01**

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DE85001560 **04**-*509,060* PC **A02**/MF **A01**

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SLAC-PUB-3407
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DE84017193 **03**-*507,364* PC **A02**/MF **A01**

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TR-3
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TR-6
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STATENS LEVNEDSMIDDELINSTITUT, SOEBORG (DENMARK).

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Kostfiber: Anvendelse af Enzymatisk Gravimetrisk Metode til Bestemmelse af Kostfiber i Broed og Morgenmadscerealier (Metodeforslag fra AOAC - 1982 (Dietary Fibre: Application of an Enzymatic Gravimetric Method for Analysis of Dietary Fibre in Bread and Breakfast Cereals (Method Proposal from ADAC - 1982)),
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(-IAEA-SR---83-5)
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DE85750207 **09**-*520,891* PC **A07**/MF **A01**

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IPF-84-5
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IPF-84-6
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(-NE-EO---83-6)
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NP-4770467
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NP-5770144
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DE82904751 01-502,667 PC A08/MF A01

NP-4770458
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NP-4770473
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NP-5770014
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NP-5770050
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NP-5770135
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NP-5770253
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NP-5770270
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N85-28939/5 21-547,197 PC A05/MF A01

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NP-5770249
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NP-4770524
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NP-5770018
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INIS-mf-9231
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DE85780796 15-534,648 PC A12/MF A01

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INIS-mf-8349
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NP-4770460
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PML-1983-173
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PML-1984-C10
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N85-28024/6 20-547,028 PC A03/MF A01

PML-1984-C52-PT-1
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PML-1984-C57
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REPT-84-44
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PB85-209104 **19**-*542,079* PC **E04**/MF **E01**

REPT-84-49
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REPT-84-50
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DE85001118 **04**-*508,801* PC **A02**/MF **A01**

CONF-840793-5
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CONF-840902-7
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AD-A148 465/8 **05**-*511,539* PC **A06**/MF **A01**

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(AID-PN-AAN-808)
PB85-192128 **17**-*537,046* PC **A03**/MF **A01**

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DE85016178 **26**-*560,919* PC **A11**/MF **A01**

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DE85005384 **24**-*555,029* PC **A02**/MF **A01**

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AD-A147 092/1 **02**-*504,872* PC **A02**/MF **A01**

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DE85000041 **11**-*524,620* PC **A12**/MF **A01**

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DE85000037 **07**-*514,893* PC **A02**/MF **A01**

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DE85900879 **12**-*527,012* PC **A04**/MF **A01**

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DE85900227 **09**-*518,464* PC **A02**/MF **A01**

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DE85900228 **09**-*519,246* PC **A02**/MF **A01**

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DE84901971 **04**-*510,447* PC **A03**/MF **A01**

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DE84901972 **04**-*509,336* PC **A10**/MF **A01**

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CONF-850168-1
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DE8490151U **02**-*504,781* PC **A02**/MF **A01**

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DE85901314 **23**-*554,045* PC **A02**/MF **A01**

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DE85001909 **04**-*510,304* PC **A02**/MF **A01**

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DOE/ER/04449-45
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DOE/ER/04449-52
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LC-85-1794
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N85-33126/2 **26**-*562,058* PC **A12**/MF **A01**

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NAS 1.26:3882
Propeller Propulsion System Integration: State of Technology Survey.
(NASA-CR-3882)
N85-21119/1 **14**-*530,775* PC **A09**/MF **A01**

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(NASA-CR-171170)
N85-10355/4 **03**-*507,868* PC **A04**/MF **A01**

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(NASA-CR-171831)
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N85-19417/3 **13**-*529,420* PC **A03**/MF **A01**

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N85-19416/5 **13**-*529,419* PC **A02**/MF **A01**

NAS 1.26:175796
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(NASA-CR-175796)
N85-27425/6 **19**-*542,925* PC **A02**/MF **A01**

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OE-685
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ORO-3852-54
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N85-27425/6 **19**-*542,925* PC **A02**/MF **A01**

TR-ONR-10
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AD-A157 736/0 **24**-554,900 PC **A03**/MF **A01**

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PB85-129054 **03**-505,913 PC **A03**/MF **A01**

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PB85-220770 **21**-548,576 PC **A12**/MF **A01**

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TR-ONR-DG-13
Management Control Systems and Interdependencies: An Empirical Study.
AD-A152 280/4 **13**-528,467 PC **A03**/MF **A01**

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AD-A152 462/8 **14**-531,126 PC **A04**/MF **A01**

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DE84015117 **01**-502,249 PC **A03**/MF **A01**

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DOE/ER/10565-9
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DE85001609 **04**-510,294 PC **A06**/MF **A01**

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DE85004052 **08**-516,754 PC **A09**/MF **A01**

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DE85002948 **17**-538,030 PC **A09**/MF **A01**

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DE85006784 **23**-552,898 PC **A05**/MF **A01**

TEXAS A AND M UNIV., COLLEGE STATION. DEPT. OF AGRICULTURAL ECONOMICS.

TAMU-SG-85-604
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PB85-220705 **22**-549,699 PC **A05**/MF **A01**

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DE85009696 **21**-547,757 PC **A02**/MF **A01**

TR-7
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AD-A151 020/5 **11**-523,977 PC **A02**/MF **A01**

TR-8
Luminescence Probe Studies of Ionomers. I. Steady-State Measurements from Nafion Membrane.
AD-A152 475/0 **14**-531,438 MF **A01**

TR-9
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AD-A152 233/3 **13**-528,954 PC **A02**/MF **A01**

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AD-A146 828/9 **02**-503,507 PC **A02**/MF **A01**

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(ARO-18005.2-CH)
AD-A147 456/8 **03**-505,839 Not available NTIS

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(CRDC-CR-84083)
AD-A148 286/8 **05**-511,197 PC **A02**/MF **A01**

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(OWRT-C-90274-S(1))
PB85-211670 **20**-545,529 PC **A03**/MF **A01**

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AD-A152 887/6 **15**-533,855 PC **A11**/MF **A01**

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AD-A153 444/5 **16**-535,988 PC **A02**/MF **A01**

TEXAS A AND M UNIV., COLLEGE STATION. DEPT. OF MANAGEMENT.

TR-DG-11-ONR
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AD-A149 364/2 **08**-515,868 PC **A04**/MF **A01**

TR-DG-12-ONR
Technology, Personal Attributes and the Perceived Amount and Focus of Accounting and Information System Data.
AD-A153 380/1 **15**-533,024 PC **A04**/MF **A01**

TR-ONR-DG-09
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AD-A149 081/2 **07**-514,546 PC **A04**/MF **A01**

TR-ONR-DG-10
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AD-A149 317/0 **08**-515,893 PC **A04**/MF **A01**

TR-ONR-DG-14
Priming Effect in Task Design Research.
AD-A154 589/6 **18**-539,965 PC **A03**/MF **A01**

TR-ONR-DG-15
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AD-A155 247/0 **19**-542,476 PC **A04**/MF **A01**

TR-ONR-DG-16
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AD-A154 588/8 **18**-539,920 PC **A05**/MF **A01**

TR-ONR-8
Relationship between Performance and Satisfaction: A Utility Analysis.
AD-A152 342/2 **14**-531,124 PC **A03**/MF **A01**

TR-ONR-9
Making a Transfer: An Analysis of Qualitative Data Relevant to Transfer Attitudes and Adjustment.
AD-A157 701/4 **24**-554,899 PC **A03**/MF **A01**

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ARO-13069.12-MA
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(ARO-15596.15-MA, ARO-18204.17-MA)
AD-A146 192/0 **01**-501,633 PC **A02**/MF **A01**

Fracture Problems in Power Law Viscoelastic Materials.
(AFOSR-TR-84-1099)
AD-A149 221/4 **08**-518,135 PC **A02**/MF **A01**

B-Splines on Nonuniform Triangulations.
AD-P004 958/5 **24**-555,861 PC **A02**/MF **A01**

TEXAS A AND M UNIV., COLLEGE STATION. DEPT. OF OCEANOGRAPHY.

DOE/EV/03852-56
Pb-210 and Pu-239,240 in Nearshore Gulf of Mexico Sediments.
DE85007269 **13**-530,168 PC **A08**/MF **A01**

ORO-3852-56
Pb-210 and Pu-239,240 in Nearshore Gulf of Mexico Sediments.
DE85007269 **13**-530,168 PC **A08**/MF **A01**

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(EPA/600/J-84/304)
PB85-219350 **20**-545,052 Not available NTIS

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CONF-8308173-3
Progress in Numerical Calculations of Ion-Atom Collisions.
DE84016598 **02**-503,549 PC **A02**/MF **A01**

CONF-8405155-7
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DE85008369 **15**-534,860 PC **A02**/MF **A01**

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DE85006844 **13**-530,409 PC **A02**/MF **A01**

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DE85010440 **17**-539,396 PC **A02**/MF **A01**

DOE/ER/10578-T4
Topics in High Resolution Spectroscopy of Stored Ions.
DE85002093 **04**-510,311 PC **A03**/MF **A01**

DOE/ER/40039-9
Annual Progress Report and Renewal Request for High Energy Physics at Texas A and M University, January 1-December 31, 1984.
DE85004469 **09**-520,490 PC **A04**/MF **A01**

DOE/ER/40039-10
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DOE/ER/40039-11
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DE85008369 **15**-534,860 PC **A02**/MF **A01**

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PB85-130276 **08**-516,429
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DE85004458 **14**-532,755 PC **A04**/MF **A01**

DOE/FC/10601-1910
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DE85017933 **26**-562,032 PC **A04**/MF **A01**

DOE/FC/10601-1912
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DE85017932 **26**-562,031 PC **A03**/MF **A01**

TEXAS A AND M UNIV., COLLEGE STATION. MECHANICS AND MATERIALS RESEARCH CENTER.

MM-4665-84-5
Research on Composite Materials for Structural Design.
(AFOSR-TR-85-0226)
AD-A150 802/7 **11**-524,443 PC **A14**/MF **A01**

TEXAS A AND M UNIV., COLLEGE STATION. OCEAN ENGINEERING PROGRAM.

COE-277
Further Studies on Liquid Sloshing.
(MA-RD-760-85009)
PB85-198895 **17**-538,645 PC **A11**/MF **A01**

TEXAS A AND M UNIV., COLLEGE STATION. REMOTE SENSING CENTER.

TAMU-SG-85-201
Airphoto Analysis of the Impact of Hurricane Alicia on Galveston Island.
PB85-220267 **22**-550,075 PC **A04**/MF **A01**

TR-RSC-6661
Airphoto Analysis of the Impact of Hurricane Alicia on Galveston Island.
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PB85-221141 **22**-549,746 PC **A16**/MF **A01**

TAMU-SG-85-202
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PB85-220259 22-549,745 PC A05/MF A01

TAMU-SG-85-502
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PB85-210755 19-542,420 PC A03/MF A01

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TA-18596
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PB85-195832 18-540,405
(Order as PB85-195774, PC A09/MF A01)

TA-18678
Implications of Investing under Different Economic Conditions on the Profitability of Gulf of Mexico Shrimp Vessels Operating Out of Texas.
PB85-195840 18-540,031
(Order as PB85-195774, PC A09/MF A01)

Biology and Breeding for Resistance to Arthropods and Pathogens in Agricultural Plants.
(AID-PN-AAK-817)
PB85-112829 03-505,351 PC A06/MF A01

Sorghums for Methane Production.
(GRI-84/0134)
PB85-161933 08-518,287 PC A08/MF A01

TEXAS AGRICULTURAL MARKET RESEARCH AND DEVELOPMENT CENTER, COLLEGE STATION.

MRC-80/3
Development and Marketing of a Soy-Fortified Bread in Korea: A Case Study.
(AID-PN-AAK-756)
PB85-101814 01-500,559 PC A04/MF A01

TEXAS ARCHEOLOGICAL SURVEY, AUSTIN.

RR-90
Prehistory in the Lower Pecos: An Overview.
(NPS/RMR/C-3530(70))
PB85-149086 08-515,965 PC A04/MF A01

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TCU/DC/TR-84-06
Synthesis and Reactivity of (Bis(trimethylsilyl)Methylene)(Mesityl)Phosphine.
AD-A148 803/0 06-513,213 PC A03/MF A01

TCU/DC/TR-84-07
Synthesis of Some Highly Silylated Aminophosphines and Their Reactions with Carbon Tetrachloride.
AD-A149 066/3 07-514,684 PC A03/MF A01

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Experimental Investigation of the Inverse Problem in Rough Surface Scattering of Acoustic Waves.
AD-A158 070/3 **24**-*556,584* PC **A05**/MF **A01**

ARL-TR-85-9
Computer Simulation of the Effects of a Distributed Array Antenna on Synthetic Aperture Radar Images.
(NASA-CR-171888)
N85-30176/0 **22**-*550,953* PC **A03**/MF **A01**

ARL-TR-85-15
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(NASA-CR-174885)
AD-A155 986/3 **21**-*549,001* PC **A09**/MF **A01**

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DE85007900 **14**-*531,729* PC **A02**/MF **A01**

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DE85901293 **18**-*540,510* PC **A07**/MF **A01**

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CAR-85-1
Substructure Coupling in the Frequency Domain.
(NASA-CR-176140)
N85-33543/8 **26**-*561,906* PC **A07**/MF **A01**

CAR-85-3
Multishaker Modal Testing.
(NASA-CR-176139)
N85-33544/6 **26**-*561,907* PC **A02**/MF **A01**

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Multishaker Modal Testing.
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N85-33544/6 **26**-*561,907* PC **A02**/MF **A01**

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CAR-84-1
Substructure Coupling Procedure Applicable to General Linear Time-Invariant Dynamic Systems.
(NASA-CR-176144)
N85-33542/0 **26**-*561,905* PC **A05**/MF **A01**

CAR-85-2
Modal Parameter Extraction Procedure Applicable to Linear Time-Invariant Dynamic Systems.
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AD-A146 217/5 **01**-*501,634* PC **A02**/MF **A01**

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CCS-496
Primal Simplex Approach to Pure Processing Networks.
AD-A153 986/5 **16**-*536,010* PC **A03**/MF **A01**

CCS-497
Role of Duality in Optimization Problems Involving Entropy Functionals, with Applications to Information Theory.
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CCS-499
Penalty Functions and Duality in Stochastic Programming via phi-Divergence Functionals.
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CCS-500
Greedy Algorithm for the Transhipment along a Single Road Problem.
AD-A152 343/0 **14**-*532,316* PC **A02**/MF **A01**

CCS-504
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AD-A154 244/8 **17**-*537,169* PC **A03**/MF **A01**

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DE85002757 **07**-*515,072* PC **A07**/MF **A01**

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DE85002667 **08**-*518,035* PC **A03**/MF **A01**

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UTCMSE-84-2
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AD-A147 504/5 **03**-*506,404* PC **A09**/MF **A01**

UTCMSE-85-1
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AD-A151 725/9 **13**-*529,453* PC **A04**/MF **A01**

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CONF-820844-2
Adapting ITPACK Routines for Use on a Vector Computer.
DE85012468 **22**-*550,216* PC **A03**/MF **A01**

CONF-830116-4
Accelerating Nonsymmetrizable Iterative Methods.
DE85012471 **22**-*550,516* PC **A02**/MF **A01**

CONF-830116-5
ITPACK Project: Past, Present, and Future.
DE85012470 **21**-*548,217* PC **A02**/MF **A01**

CONF-8206278-1
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CONF-8410224-9
Dirac Neutrinos in GUTs.
DE85014730 **25**-*559,517* PC **A02**/MF **A01**

DOE/ER/03992-562
Hybrid Model for Baryons.
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Higgs Interpretation of zeta (8.3 GeV).
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DE85007018 **13**-*530,421* PC **A02**/MF **A01**

DOE/ER/03992-573
New Interactions and Neutrino Counting.
DE85007017 **13**-*530,420* PC **A02**/MF **A01**

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Quantum Relativistic Oscillator. 1. Modifying the Hamiltonian Formalism of the Relativistic String.
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DOE/ER/03992-575
Stability of Solutions of Yang-Mills Equations with Axially Symmetric Static External Sources.
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CTR-3-5-79-254-2F
Design of Slender, Nonprismatic, and Hollow Concrete Bridge Piers.
(FHWA/TX-84/35+254-2F)
PB85-153476 **09**-*519,781* PC **A19**/MF **A01**

CTR-3-5-80-248-2
Review of Design Procedures for Shear and Torsion in Reinforced and Prestressed Concrete.
(FHWA/TX-84/36+248-2)
PB85-139160 **06**-*513,895* PC **A09**/MF **A01**

CTR-3-5-80-248-3
Experimental Verification of Design Procedures for Shear and Torsion in Reinforced and Prestressed Concrete.
(FHWA/TX-84/37+248-3)
PB85-138691 **06**-*513,893* PC **A14**/MF **A01**

CTR-3-5-80-248-4F
Proposed Design Procedures for Shear and Torsion in Reinforced and Prestressed Concrete.
(FHWA/TX-84/38+248-4F)
PB85-136711 **06**-*513,891* PC **A12**/MF **A01**

CTR-3-5-80-300-1
Fatigue Study of Prestressing Strand.
(FHWA/TX-82/54+300-1)
PB85-161487 **11**-*524,684* PC **A06**/MF **A01**

CTR-3-5-82-315-1F
Production of High Strength Concrete.
(FHWA/TX-84/31+315-1F)
PB85-186617 **15**-*534,230* PC **A14**/MF **A01**

CTR-3-5-83-314-1
FESWMS-TX Two-Dimensional Analysis of Backwater at Bridges: User's Guide and Applications.
(FHWA/TX-85/5+314-1)
PB85-215937 **20**-*545,787* PC **A09**/MF **A01**

CTR-3-8-79-249-7
Effect of Coarse-Aggregate Type on CRCP Thickness.
(FHWA/TX-84/47+249-7)
PB85-106011 **01**-*501,833* PC **A05**/MF **A01**

CTR-3-9-79-252-4F
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(FHWA/TX-85/24+252-4F)
PB85-234524 **23**-*553,523* PC **A06**/MF **A01**

CTR-3-9-79-253-1
Stripping and Moisture Damage in Asphalt Mixtures.
(FHWA/TX-85/55+253-1)
PB85-243079 **26**-*561,147* PC **A04**/MF **A01**

CTR-3-9-79-253-6
Field Evaluation of Techniques for Treating Asphalt Mixtures with Lime.
(FHWA/TX-85/47+253-6)
PB85-236420 **24**-*556,016* PC **A04**/MF **A01**

CTR-3-9-79-253-8
Wet-Dry Indirect Tensile Test for Evaluating Moisture Susceptibility of Asphalt Mixtures.
(FHWA/TX-85/48+253-8)
PB85-239879 **24**-*556,020* PC **A04**/MF **A01**

CTR-3-9-82-311-3
Evaluation of Accelerated Concrete as a Rapid Setting Highway Repair Material.
(FHWA/TX-85/4+311-3)
PB85-197994 **17**-*538,595* PC **A06**/MF **A01**

CTR-3-9-82-311-5
Evaluation of Fiber Reinforced Rapid-Setting Materials for Highway Repair.
(FHWA/TX-85/311-5)
PB85-236412 **24**-*556,015* PC **A06**/MF **A01**

CTR-3-9-82-317-1
Compaction of Asphalt Mixtures and the Use of Vibratory Rollers.
(FHWA/TX-84/18+317-1)
PB85-103497 **01**-*501,830* PC **A04**/MF **A01**

CTR-3-9-82-318-1F
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(FHWA/TX-84/13+318-1F)
PB85-137172 **06**-*513,744* PC **A03**/MF **A01**

CTR-3-18-79-246-2
Detection of Voids Underneath Concrete Pavements Using Infrared Thermography.
(FHWA/TX-84/39+246-2)
PB85-175008 **13**-*529,681* PC **A06**/MF **A01**

CTR-3-18-79-246-3
Polymer Concrete for Pavement Repair and Rehabilitation.
(FHWA/TX-84/40+246-3)
PB85-174977 **13**-*529,700* PC **A06**/MF **A01**

CTR-3-18-80-258
Procedural Guide for Left-Turn Analysis.
(FHWA/TX-84/49-258-3F)
PB85-152551 **09**-*519,669* PC **A05**/MF **A01**

CTR-3-18-80-258-2
Comparative Analysis of Left-Turn Phase Sequencing.
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PB85-149359 **08**-*517,136* PC **A04**/MF **A01**

RR-317-1
Compaction of Asphalt Mixtures and the Use of Vibratory Rollers.
(DOT-I-84-32)
PB85-101426 **01**-*501,829* PC **A04**/MF **A01**

Laboratory and Field Evaluation of Rapid Setting Materials Used for Repair of Concrete Pavements.
(FHWA/TX-85/311+4)
PB85-242113 **24**-*556,022* PC **A06**/MF **A01**

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Automatic Recognition and Turbuling Objects.
(AFOSR-TR-84-0771)
AD-A145 908/0 **01**-*501,285* PC **A02**/MF **A01**

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(USAFSAM-TR-83-307)
AD-A148 977/2 **07**-*514,654* PC **A02**/MF **A01**

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CONF-840415-17
CO And CO sub 2 Hydrogenation over ZrO sub 2.
DE84009146 **09**-*518,857* PC **A02**

DOE/ER/10720-14
CO And CO sub 2 Hydrogenation over ZrO sub 2.
DE84009146 **09**-*518,857* PC **A02**

DOE/PC/40801-T6
Solvent Effects in Supercritical Extraction of Coal.
DE85003279 **09**-*520,850* PC **A03**/MF **A01**

Properties of Miscible Polymer Blends.
(ARO-18559.17-CH)
AD-A147 090/5 **02**-*503,517* PC **A02**/MF **A01**

Solute Preferential Sorption in Reverse Osmosis.
PB85-128692 **05**-*511,169* PC **A04**/MF **A01**

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TR-1
Electrochemistry in Near-Critical and Supercritical Fluids. I. Ammonia.
AD-A146 429/6 **01**-*501,024* PC **A02**/MF **A01**

TR-32
Silicon Phthalocyanine and a Silicon Naphthalocyanine: Synthesis, Electrochemistry, and Electrogenerated Chemiluminescence.
AD-A146 441/1 **01**-*500,953* PC **A03**/MF **A01**

TR-37
Photodecomposition of Water Vapor Over TiO2 Catalysts Doped with Ta2O5.
AD-A156 524/1 **21**-*547,817* PC **A02**/MF **A01**

TR-38
CO and CO2 Hydrogenation over Metal Oxides: A Comparison of ZnO, TiO2 and ZrO2.
AD-A156 307/1 **21**-*547,750* PC **A02**/MF **A01**

MNDO Study of Sn2 Reactions and Related Processes.
(AFOSR-TR-84-0905)
AD-A147 045/9 **02**-*503,514* PC **A02**/MF **A01**

MNDO Studies of the Didehydrodiazines.
(AFOSR-TR-84-0962)
AD-A147 868/4 **04**-*508,738* PC **A02**/MF **A01**

Tunneling Dynamics of Cyclobutadiene.
(AFOSR-TR-84-0906)
AD-A148 162/1 **04**-*508,767* PC **A02**/MF **A01**

MNDO Calculations for Compounds Containing Tin.
(AFOSR-TR-85-0023)
AD-A150 282/2 **10**-*521,677* PC **A02**/MF **A01**

Aspects of Organotin Chemistry.
(AFOSR-TR-85-0024)
AD-A150 283/0 **10**-*521,678* PC **A02**/MF **A01**

The C6R6(2+) (Benzene Dication) System.
(AFOSR-TR-85-0022)
AD-A150 285/5 **10**-*521,679* PC **A02**/MF **A01**

MNDO Study of the Claisen Rearrangement.
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AD-A150 287/1 **10**-*521,681* PC **A02**/MF **A01**

The C4H7+ Potential Surface.
(AFOSR-TR-85-0021)
AD-A150 308/5 **10**-*521,684* PC **A02**/MF **A01**

(3)-,(4)-, and (5)-Pericyclyne: Through-Bond versus through-Space Interactions.
(AFOSR-TR-85-0031)
AD-A150 608/8 **10**-*521,706* PC **A02**/MF **A01**

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(ARO-18404.6-CH)
AD-A153 547/5 **16**-*535,817* PC **A02**/MF **A01**

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AD-A157 728/7 **24**-*555,264* PC **A02**/MF **A01**

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(DOT-SRP-84-7)
PB85-174217 **14**-*532,048* PC **A08**/MF **A01**

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AD-A151 287/0 **12**-*526,892* PC **A07**/MF **A01**

TEXAS UNIV. AT AUSTIN. DEPT. OF ELECTRICAL AND COMPUTER ENGINEERING.

UT-MW-N-85-1
Nonreciprocal Wave Propagation in a Hollow Image Guide with a Ferrite Layer.
AD-A158 821/9 **25**-*558,132* PC **A02**/MF **A01**

Interface Structures for Millimeter-Wave Circuits.
(ARO-17735.36-EL)
AD-A146 557/4 **01**-*501,371* PC **A05**/MF **A01**

Optimal Adaptive Control of Priority Assignment in Queueing Systems.
(AFOSR-TR-84-1061)
AD-A147 837/9 **04**-*509,534* PC **A02**/MF **A01**

Identification and Approximation of Queueing Systems.
(AFOSR-TR-84-1063)
AD-A147 980/7 **04**-*509,536* PC **A02**/MF **A01**

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(AFOSR-TR-84-1062)
AD-A148 147/2 **04**-*509,507* PC **A02**/MF **A01**

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(AFOSR-TR-84-1148)
AD-A148 964/0 **07**-*515,020* PC **A02**/MF **A01**

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(AFOSR-TR-84-1184)
AD-A149 820/3 **09**-*519,095* PC **A02**/MF **A01**

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(ARO-17735.16-EL)
AD-A149 974/8 **09**-*519,062* Not available NTIS

Inexpensive Short-Range Microwave Telemetry Transponder.
(ARO-17735.29-EL)
AD-A151 452/0 **12**-*526,979* Not available NTIS

Modified Residue Calculus Technique for Microstrip Step Discontinuities.
(ARO-21438.2-EL)
AD-A157 806/1 **24**-*555,584* PC **A02**/MF **A01**

Transverse Resonance Analysis of Finline Discontinuities.
(ARO-17735.28-EL)
AD-A158 506/6 **25**-*558,127* PC **A02**/MF **A01**

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UT-MW-N-84-6
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AD-A146 304/1 **01**-*501,366* PC **A05**/MF **A01**

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CONF-820618-18
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DE85000275 **06**-*514,194* PC **A02**/MF **A01**

CONF-830599-2
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DE85005592 **11**-*525,480* PC **A03**/MF **A01**

CONF-840281-3
Feynman Path Integrals - from the Prodistribution Definition to the Calculation of Glory Scattering.
DE85780777 **19**-*544,249* PC **A04**/MF **A01**

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Collaboration on Medium Energy Measurements of N-N Parameters. Progress Report, January 1-December 31, 1980.
DE85016833 **26**-*561,797* PC **A03**/MF **A01**

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DE85007065 **20**-*546,641* PC **A03**/MF **A01**

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JPL-9950-1049
Measurement Results from a Balloon Experiment Simulating Land Mobile Satellite Transmissions.
(NASA-CR-175740)
N85-25683/2 **18**-*541,403* PC **A04**/MF **A01**

JPL-9950-1053
Land Mobile Satellite Transmission Measurements at 869 MHz: Selected Results from the Dedicated Stratospheric Balloon Experiment of November 12 and 13, 1984.
(NASA-CR-175734)
N85-25685/7 **18**-*541,405* PC **A03**/MF **A01**

NAS 1.26:175734
Land Mobile Satellite Transmission Measurements at 869 MHz: Selected Results from the Dedicated Stratospheric Balloon Experiment of November 12 and 13, 1984.
(NASA-CR-175734)
N85-25685/7 **18**-*541,405* PC **A03**/MF **A01**

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(NASA-CR-175740)
N85-25683/2 **18**-*541,403* PC **A04**/MF **A01**

TR-85-1
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(ARO-21438.13-EL)
AD-A155 570/5 **19**-*543,066* PC **A07**/MF **A01**

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TRW-43597-6001-UT-00
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(BMO-TR-84-17, BMO-TR-84-17A)
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DE85780314 **15**-*533,279* PC **A04**/MF **A01**

INIS-mf-8807
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DE84780578 **05**-*510,968* PC **A05**/MF **A01**

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INIS-mf-8894
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INIS-mf-9133
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DE85780287 **15**-*533,272* PC **A04**/MF **A01**

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INIS-mf-9158
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DE85780173 **10**-*521,497* PC **A04**/MF **A01**

INIS-mf-9166
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INIS-mf-9171
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DE85005033 **11**-*525,622* PC **A02**/MF **A01**

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PB85-231918 **23**-*553,445* PC **A02**/MF **A01**

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DOE/ER/70004-T4
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AD-A152 027/9 **13**-*528,381* PC **A06**/MF **A01**

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PB85-172450 13-*529,439* PC **E05**/MF **E05**

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AERE-M-3395
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N85-12153/1 06-*513,602* PC **A02**/MF **A01**

AERE-M-3455
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AERE-R-10908
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AERE-R-11109
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N85-12149/9 06-*513,598* PC **A03**/MF **A01**

AERE-R-11110
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AERE-R-11111
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N85-12388/3 06-*513,607* PC **A03**/MF **A01**

AERE-R-11120
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N85-12150/7 06-*513,599* PC **A04**/MF **A01**

AERE-R-11126
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N85-12385/9 06-*514,231* PC **A02**/MF **A01**

AERE-R-11146-PT-1
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AERE-R-11167
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AERE-R-11199
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AERE-R-11202
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AERE-R-11262
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N85-16203/0 10-*522,493* PC **A06**/MF **A01**

AERE-R-11265
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N85-12356/0 06-*513,921* PC **A02**/MF **A01**

AERE-R-11277
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N85-15193/4 09-*519,826* PC **A02**/MF **A01**

AERE-R-11278
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N85-12767/8 06-*514,065* PC **A03**/MF **A01**

AERE-R-11286
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N85-12147/3 06-*513,597* PC **A02**/MF **A01**

AERE-R-11293
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N85-12675/3 06-*513,254* PC **A04**/MF **A01**

AERE-R-11311
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N85-11237/3 04-*509,433* PC **A05**/MF **A01**

AERE-R-11314
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N85-12146/5 06-*513,596* PC **A02**/MF **A01**

AERE-R-11317
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N85-12695/1 06-*513,993* PC **A04**/MF **A01**

AERE-R-11387
New Coatings for High Temperature Materials Protection.
N85-12180/4 06-*513,528* PC **A02**/MF **A01**

AERE-R-11416
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N85-25854/9 18-*541,336* PC **A03**/MF **A01**

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AERE-R-11516
Ultrasonic SH Wave Velocity in Textured Aluminum Plates.
N85-25475/3 18-*541,331* PC **A03**/MF **A01**

AERE-R-11548
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N85-25855/6 18-*540,855* PC **A05**/MF **A01**

AERE-R-11562
Laser-Based Non-Destructive Testing Techniques for the Ultrasonic Characterization of sub-Surface Flaws.
N85-25856/4 18-*541,337* PC **A02**/MF **A01**

AERE-R-11595
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UKAEA ATOMIC ENERGY RESEARCH ESTABLISHMENT, HARWELL (ENGLAND). CHEMICAL TECHNOLOGY DIV.

AERE-G-2872
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DE85781195 24-*556,428* PC **A05**/MF **A01**

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AERE-G-3087
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AERE-G-3161
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DE85701257 23-*553,972* PC **A05**/MF **A01**

AERE-G-3176
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DE85701254 23-*553,970* PC **A03**/MF **A01**

AERE-R-10043
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DE81700546 20-*546,221* PC **A03**/MF **A01**

AERE-R-10178
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DE81700545 20-*546,220* PC **A03**/MF **A01**

AERE-R-11304
Options for the Decontamination of alpha-Bearing Liquid Wastes.
DE85781194 24-*556,427* PC **A04**/MF **A01**

AERE-R-11423
Feasibility of a Seabed Radionuclide Transfer Experiment (MISTE).
DE85781196 24-*556,429* PC **A04**/MF **A01**

PCMRP-84-P2
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UKAEA ATOMIC ENERGY RESEARCH ESTABLISHMENT, HARWELL (ENGLAND). CHEMISTRY DIV.

AERE-G-3159
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DE85701876 **25**-*559,157* PC **A02**/MF **A01**

AERE-M-3376
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DE84703140 **08**-*517,439* PC **A02**/MF **A01**

DDTF-52
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DE85701876 **25**-*559,157* PC **A02**/MF **A01**

UKAEA ATOMIC ENERGY RESEARCH ESTABLISHMENT, HARWELL (ENGLAND). COMPUTER SCIENCE AND SYSTEMS DIV.

AERE-R-11228
Oxidation Behaviour of a 20 Percent Cr/25 Percent Ni/ NB Stabilized Stainless Steel in Carbon Dioxide at High Temperatures and Its Improvement by Cerium and Yttrium.
N85-10182/2 **03**-*506,441* PC **A03**/MF **A01**

AERE-R-11230
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N85-10374/5 **03**-*506,807* PC **A03**/MF **A01**

AERE-R-11248
User Experience of Existing Corrosion Monitoring Techniques and the Development of Thin Layer Activation (TLA) for Corrosion Monitoring.
N85-10183/0 **03**-*506,442* PC **A02**/MF **A01**

AGR/FPWC/P(84)422
Oxidation Behaviour of a 20 Percent Cr/25 Percent Ni/ NB Stabilized Stainless Steel in Carbon Dioxide at High Temperatures and Its Improvement by Cerium and Yttrium.
N85-10182/2 **03**-*506,441* PC **A03**/MF **A01**

UKAEA ATOMIC ENERGY RESEARCH ESTABLISHMENT, HARWELL (ENGLAND). ENGINEERING DESIGN AND MANUFACTURE DIV.

AECP-14
Safety in the Use of Pressurized Suits.
DE85781146 **24**-*555,118* PC **A03**/MF **A01**

AESS-10100
Magnesia Insulated Thermocouples - Type K for Nuclear Applications.
DE85781193 **25**-*559,330* PC **A03**/MF **A01**

UKAEA ATOMIC ENERGY RESEARCH ESTABLISHMENT, HARWELL (ENGLAND). ENGINEERING PROJECTS DIV.

AERE-R-10715
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DE85701512 **22**-*550,184* PC **A05**/MF **A01**

AERE-R-11324
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DE[illegible]700404 **17**-*538,294* PC **A02**/MF **A01**

UKAEA ATOMIC ENERGY RESEARCH ESTABLISHMENT, HARWELL (ENGLAND). ENVIRONMENTAL AND MEDICAL SCIENCES DIV.

AERE-G-3002
Final Report on Contamination Surveys at NPL.
DE84703136 **08**-*517,573* PC **A02**/MF **A01**

AERE-G-3011
Contamination Surveys of Plant Room and Roof-Void in B. 154 at the National Physical Laboratory, Teddington.
DE84703137 **08**-*517,483* PC **A02**/MF **A01**

AERE-M-3195
Response of Silicon Diodes to exp 252 Cf Neutrons Before and after Annealing.
DE81700536 **20**-*545,184* PC **A02**/MF **A01**

AERE-M-3399
Construction and Calibration of a Simple Scintillation Counter for Monitoring Radioactive Gases in Ducts.
DE85701250 **22**-*551,114* PC **A02**/MF **A01**

AERE-R-9415
Remeasurement of Early Harwell Personnel Film Dosimeters.
DE81700504 **20**-*544,871* PC **A02**/MF **A01**

AERE-R-10088
Radioactive Fallout in Air and Rain: Results to End of 1980.
DE81700491 **20**-*546,289* PC **A03**/MF **A01**

AERE-R-11321
Report on a Visit to Canada to Discuss Tritium Instrumentation and Radiological Protection.
DE85701235 **22**-*551,058* PC **A03**/MF **A01**

UKAEA ATOMIC ENERGY RESEARCH ESTABLISHMENT, HARWELL (ENGLAND). INSTRUMENTATION AND APPLIED PHYSICS DIV.

AERE-G-2865
Evaluation of the Procedures in BR 3014 for the Assessment of Argon-41 Activity in Air.
DE84702558 **02**-*504,622* PC **A02**/MF **A01**

AERE-M-3320
Processing Data from the Scaler/Timer Type 6255.
DE84702573 **01**-*502,155* PC **A02**/MF **A01**

AERE-R-11025
Low Level Radiation Testing of Micro-Electronic Components. Pt. 1. Review of Current Technology and Proposed Experimental Programme.
DE85780526 **18**-*536,029* PC **A03**/MF **A01**

UKAEA ATOMIC ENERGY RESEARCH ESTABLISHMENT, HARWELL (ENGLAND). MATERIALS DEVELOPMENT DIV.

AERE-G-2779
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DE84702574 **02**-*504,710* PC **A06**/MF **A01**

AERE-G-2856
Corrosion Studies on Containment Materials for Vitrified High Level Nuclear Waste. Progress Report for Half-Year Ending 30 June 1983.
DE84702560 **03**-*507,086* PC **A04**/MF **A01**

AERE-G-2927
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DE84702575 **02**-*504,711* PC **A02**/MF **A01**

AERE-G-2964
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DE84703172 **05**-*512,254* PC **A02**/MF **A01**

AERE-G-2970
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DE85701206 **21**-*548,914* PC **A03**/MF **A01**

AERE-G-2971
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DE85701113 **22**-*551,140* PC **A03**/MF **A01**

AERE-G-3025
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DE84703458 **13**-*530,038* PC **A02**/MF **A01**

AERE-R-11041
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DE84703404 **17**-*538,949* PC **A03**/MF **A01**

AERE-R-11054
Review of the Application of Temporary and Permanent Coatings for the Reduction of Activity Hold-Up and Increased Ease of Decontamination. *(-PCMRP---84-P1)*
DE84703413 **17**-*538,924* PC **A03**/MF **A01**

AERE-R-11268
Immobilisation of sup 137 Cs and sup 90 Sr in Hot-Pressed Clinoptilolite.
DE85701255 **23**-*553,971* PC **A03**/MF **A01**

AERE-R-11525
Role of Void Nucleation in the Swelling Resistance of Ferritic Steel.
DE85701457 **24**-*555,781* PC **A02**/MF **A01**

PCMWP/DDTF-49
Review of the Application of Temporary and Permanent Coatings for the Reduction of Activity Hold-Up and Increased Ease of Decontamination. *(-PCMRP---84-P1)*
DE84703413 **17**-*538,924* PC **A03**/MF **A01**

UKAEA ATOMIC ENERGY RESEARCH ESTABLISHMENT, HARWELL (ENGLAND). MATERIALS PHYSICS AND METALLURGY DIV.

AERE-MPD/NBS-261
Neutrons for Materials Science.
DE85701744 **25**-*558,805* PC **A02**/MF **A01**

IAEA-CN-46/045
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DE85701744 **25**-*558,805* PC **A02**/MF **A01**

UKAEA ATOMIC ENERGY RESEARCH ESTABLISHMENT, HARWELL (ENGLAND). MATERIALS PHYSICS DIV.

AERE-MPD/NBS-245
Observation of Oxygen Frenkel Disorder in Uranium Dioxide Above 2000 K Using Neutron Scattering Techniques.
DE84702561 **03**-*507,271* PC **A02**/MF **A01**

AERE-R-9718
SCRAP - A Computer Program for the Analysis of Powder Diffraction Patterns.
DE81700405 **20**-*546,481* PC **A03**/MF **A01**

AERE-R-9866
RFK 1: A Reactor Kinetic Code with Feedback.
DE81700518 **20**-*546,447* PC **A03**/MF **A01**

UKAEA ATOMIC ENERGY RESEARCH ESTABLISHMENT, HARWELL (ENGLAND). METALLURGY DIV.

AERE-R-10108
Irradiation-Induced Embrittlement and Precipitation in Nimonic PE16.
DE81700487 **20**-*545,497* PC **A03**/MF **A01**

UKAEA ATOMIC ENERGY RESEARCH ESTABLISHMENT, HARWELL (ENGLAND). NUCLEAR PHYSICS DIV.

AERE-G-2957
Uranium Series Disequilibrium Measurements at MOL and Whiteshell. Annual Progress Report for 1983.
DE84703170 **08**-*517,502* PC **A02**/MF **A01**

AERE-G-3070
Uranium Series Disequilibrium Measurements at Mol and Whiteshell. Progress Report for the Period July to December 1983.
DE84703517 **10**-*522,714* PC **A02**/MF **A01**

AERE-G-3228
Uranium Series Disequilibrium Measurements at Mol and Whiteshell. Progress Report for January-June 1984.
DE85701516 **23**-*553,991* PC **A02**/MF **A01**

AERE-R-10847
Uranium Series Disequilibrium: Application to Studies of the Groundwater System at Altnabreac, Caithness, U.K.
DE84702564 **03**-*507,104* PC **A04**/MF **A01**

AERE-SRDP-R-111
Monitoring the sup 235 U Enrichment of Uranium Deposited on Pipes in Centrifuge Plants Operating at Low Pressures Using a High Resolution gamm.. Ray Spectrometer.
DE84702576 **05**-*512,356* PC **A03**/MF **A01**

UKAEA ATOMIC ENERGY RESEARCH ESTABLISHMENT, HARWELL (ENGLAND). SAFEGUARDS R AND D PROJECT.

SRDP-PR-2
Progress Report for the Period October 1981-June 1982 (for the Safeguards R and D Project, UKAEA Atomic Energy Research Establishment).
DE84703466 **10**-*522,843* PC **A03**/MF **A01**

SRDP-PR-3
Progress Report for the Period July 1982-June 1983 (for the Safeguards R and D Project, UKAEA Atomic Energy Research Establishment).
DE84703467 **10**-*522,844* PC **A03**/MF **A01**

SRDP-R-80
Progress Report for the Period September 1980-September 1981 (for the Atomic Energy Research Establishment, Harwell England).
DE84703474 **13**-*530,230* PC **A03**/MF **A01**

SRDP-R-97
Tamper Proofing of Safeguards Monitors.
DE84703475 **13**-*530,020* PC **A02**/MF **A01**

SRDP-R-100
Use of Calorimetry for Plutonium Assay.
DE84703468 **10**-*522,468* PC **A04**/MF **A01**

SRDP-R-103
Outline Appraisal of the Use of Ultrasonic Techniques in Nuclear Materials Safeguards.
DE84703469 **10**-*522,845* PC **A02**/MF **A01**

SRDP-R-104
Safeguards Sealing Systems for Zebra.
DE84703470 **10**-*522,846* PC **A02**/MF **A01**

SRDP-R-107
Modelling of the Application of Near Real Time Accountancy and Process Monitoring to Plants.
DE84703472 **13**-*530,229* PC **A02**/MF **A01**

SRDP-R-111
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(NASA-CR-174079)
N85-11252/2 **04**-*510,512* PC **A03**/MF **A01**

NAS 1.26:174695
Imide Modified Epoxy Matrix Resins.
(NASA-CR-174695)
N85-15892/1 **10**-*522,102* PC **A04**/MF **A01**

NAS 1.26:174711
High-Temperature Optically Activated GaAs Power Switching for Aircraft Digital Electronic Control.
(NASA-CR-174711)
N85-12901/3 **07**-*514,337* PC **A10**/MF **A01**

NAS 1.26:174831
Turbulent Transport and Length Scale Measurement Experiments with Confined Coaxial Jets.
(NASA-CR-174831)
N85-30245/3 **22**-*551,300* PC **A04**/MF **A01**

R81-915326-5
External Fuel Vaporization Study, Phase 2.
(NASA-CR-174079)
N85-11252/2 **04**-*510,512* PC **A03**/MF **A01**

R-82-955027-2
SOLERAS Program: Engineering Field Test of a Solar Cooling System. Final Report.
DE85000732 **08**-*517,032* PC **A09**/MF **A01**

R83-914806-48
Basic Study of Bladed Disk Structural Response.
(AFWAL-TR-83-2075)
AD-A146 226/6 **01**-*502,737* PC **A11**/MF **A01**

R83-925985-6
Advanced Infrared Laser Modulator Development.
(NASA-CR-172479)
N85-15479/7 **09**-*520,237* PC **A04**/MF **A01**

R83-956149-16
Refinement and Evaluation of Helicopter Real-Time Self-Adaptive Active Vibration Controller Algorithms.
(NASA-CR-3821)
N84-33378/0 **01**-*500,038* PC **A13**/MF **A01**

R84-916161-14
Imide Modified Epoxy Matrix Resins.
(NASA-CR-174695)
N85-15892/1 **10**-*522,102* PC **A04**/MF **A01**

SERI/STR-211-2365
Fabrication of Monocrystalline GaAs Solar Cells Utilizing NaCl Sacrificial Substrates. Annual Report, 1 August 1982-14 October 1983.
DE84013016 **09**-*519,270* PC **A04**/MF **A01**

TR-1
CARS Temperature Measurements in Sooting, Laminar Diffusion Flames.
AD-A148 801/4 **06**-*514,266* PC **A03**/MF **A01**

UTRC-R83-925312-25
High-Temperature Optically Activated GaAs Power Switching for Aircraft Digital Electronic Control.
(NASA-CR-174711)
N85-12901/3 **07**-*514,337* PC **A10**/MF **A01**

UTRC-R84-915540-34
Turbulent Transport and Length Scale Measurement Experiments with Confined Coaxial Jets.
(NASA-CR-174831)
N85-30245/3 **22**-*551,300* PC **A04**/MF **A01**

UTRC/R84-922617-1
Investigation of Plasma Processes in Electronic Transition Lasers.
AD-A149 682/7 **09**-*520,215* PC **A03**/MF **A01**

UTRC/R84-926533
Theoretical Studies of Kinetic Mechanisms of Negative Ion Formation in Plasmas.
(AFOSR-TR-85-0125)
AD-A150 820/9 **11**-*525,508* PC **A03**/MF **A01**

UTRC/R84-955388-F
Laser Diagnostic Analyses of Sooting Flames.
AD-A150 478/6 **10**-*523,130* PC **A03**/MF **A01**

UTRC-R84-956114-24
Mechanisms and Reaction Dynamics Related to Methane Combustion.
(GRI-84/0126)
PB85-129690 **03**-*507,784* PC **A05**/MF **A01**

UTRC/R84-956545
Investigation of Fuel Additive Effects on Sooting Flames.
(AFOSR-TR-84-1168)
AD-A149 154/7 **08**-*518,203* PC **A02**/MF **A01**

UTRC/R85-916564-1
Study of Adherent Oxide Scales.
AD-A155 554/9 **19**-*543,210* PC **A03**/MF **A01**

UTRC/R85-922617-1
Investigation of Plasma Processes in Electronic Transition Lasers.
AD-A155 598/6 **19**-*544,021* PC **A07**/MF **A01**

UTRC/R85-926671
Research and Development of Subsurface Acoustic Wave Devices for Sensor Applications.
(AFOSR-TR-85-0260)
AD-A152 197/0 **13**-*530,295* PC **A04**/MF **A01**

UTRC/R85-955655
Resonant CARS Detection of OH Radicals.
(AFOSR-TR-85-0385)
AD-A153 842/0 **16**-*535,830* PC **A03**/MF **A01**

UTRC/R85-956539-1
Rotational Relaxation Studies of Hydrogen Fluoride.
(AFOSR-TR-85-0302)
AD-A152 711/8 **14**-*531,480* PC **A03**/MF **A01**

Nonlinear Ultrasonic Characterization of Oxygen Impurities in Titanium.
AD-P004 123/6 **04**-*509,391* PC **A02**/MF **A01**

Unsteady Stall Penetration of an Oscillating Swept Wing.
AD-P004 156/6 **05**-*510,558* PC **A02**/MF **A01**

Characteristics of Dry Friction Damping.
AD-P004 693/8 **19**-*544,257* PC **A03**/MF **A01**

Characterization of Acoustic Emission Signals (Executive Summary).
(FHWA/RD-84/024)
PB85-212488 **20**-*545,999* PC **A02**/MF **A01**

Characterization of Acoustic Emission Signals (Final Report).
(FHWA/RD-84/025)
PB85-212496 **20**-*546,000* PC **A07**/MF **A01**

UNIVERSAL ENERGY SYSTEMS, INC., DAYTON, OH.

040-2-C
Demonstrate Capabilities of Digital Graphics System to Obtain Quantitative Information from Flow Visualization Data.
(AFWAL-TR-85-2062)
AD-A158 760/9 **25**-*559,409* PC **A03**/MF **A01**

Ion Implantation in III-V Compound Semiconductors.
(AFWAL-TR-84-1122)
AD-A148 462/5 **05**-*512,525* PC **A16**/MF **A01**

Contributive Research Program of AFWAL.
(AFWAL-TR-82-4202)
AD-A149 343/6 **08**-*517,250* PC **A04**/MF **A01**

Multi-Ducted Inlet Combustor Research and Development.
(AFWAL-TR-85-2004)
AD-A153 753/9 **16**-*536,981* PC **A03**/MF **A01**

UNIVERSAL ENGINEERING CO., GAITHERSBURG, MD.

DOE/R3/06068-T1
Vapor Phase Insulated Collector. Final Report.
DE85009156 **18**-*540,680* PC **A02**

UNIVERSAL HYDROCOUPLE CORP., NORTHPORT, NY.

DOE/R2/05317-T1
Heat Extraction and Refrigeration (HEAR) System. Phase 1 Final Progress Report.
DE85015620 **25**-*558,577* PC **A02**/MF **A01**

UNIVERSAL TECHNOLOGY CORP., DAYTON, OH.

Air Force Manufacturing Technology Electronics Program, FY72-FY85.
(AFWAL-TR-85-4030)
AD-A157 595/0 **23**-*553,548* PC **A07**/MF **A01**

UNIVERSIDAD AUTONOMA DE MADRID (SPAIN). DEPT. DE FISICA DEL ESTADO SOLIDO.

Theoretical Calculations Supporting Investigation of Metal Contacts to Ultrasmall Semiconductor Structures.
(R/D-4538-EE-09)
AD-A157 531/5 **23**-*552,753* PC **A02**/MF **A01**

UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO, MEXICO CITY. FACULTAD DE QUIMICA.

INIS-mf-9007
Exposition Index Calculation from Different Points in a gamma Sterilization Plant Radiation Room.
DE85780004 **08**-*517,496* PC **A04**/MF **A01**

INIS-mf-9095
Non-Destructive Testing of Weldments of Nuclear Grade Pipes.
DE85780672 **17**-*539,143* PC **A08**/MF **A01**

UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO, MEXICO CITY. INST. DE INGENIERIA.

D-14
Diseno Hidrodinamico y Automatizacion Fluidica en Obras Hidraulicas (Hydrodynamic Design and Automatic Fluidic in Flow Water).
PB85-179489 **14**-*532,110* PC **A08**/MF **A01**

E-43
Ground Motion on Alluvial Valleys under Incident Plane SH Waves (Movimientos del Terreno en Depresiones Bidimensionales de Forma Arbitraria Ante Ondas SH Planas).
PB85-179778 **14**-*531,614* PC **A02**/MF **A01**

E-44
Compaction Conditions, States Variables and Engineering Properties of Compacted Clay (Condiciones de Compactacion y Propiedades Mecanicas de Suelos Compactados).
PB85-179786 **14**-*531,625* PC **A02**/MF **A01**

E-45
Soil Effects on Seismic Response of Chimneys (Respuesta Sismica de Chimeneas).
PB85-181436 **14**-*532,247* PC **A03**/MF **A01**

E-46
Computed and Observed Deformations of Two Embankment Dams under Seismic Loading.
PB85-181410 **14**-*532,133* PC **A02**/MF **A01**

E-47
Settlements Upon Soft-Ground Tunneling: Theoretical Solution.
PB85-181428 **14**-*531,626* PC **A02**/MF **A01**

E-49
Higher Order Finite Elements (Elementos Finitos).
PB85-179455 **14**-*531,950* PC **A03**/MF **A01**

SER-439
Dispositivo para Controlar Hundimientos de Estructuras Piloteadas (Devices for Use as Load Control Mechanisms in Piles).
PB85-179877 **14**-*532,161* PC **A03**/MF **A01**

SER-440
Simulacion de Temblores como Procesos Estocasticos No Estacionarios (Simulation of Accelerograms as Sample Functions of a Non-Stationary Stochastic Process).
PB85-179794 **14**-*531,615* PC **A03**/MF **A01**

SER-441
Refuerzo de la Vivienda Economica en Zonas Sismicas: Estudios Experimentales (Strengthening of Low Houses in Seismic Areas: Experimental Studies).
PB85-179448 **14**-*532,244* PC **A05**/MF **A01**

SER-443
Agitador de Vortice Libre (Jet of Free Vortex).
PB85-179463 **14**-*532,109* PC **A09**/MF **A01**

SER-446
Analisis Hidrodinamico de Estructuras y Vehiculos Marinos (Hydrodynamic Analysis in Structures and Marine Vehicles).
PB85-179570 **14**-*532,211* PC **A17**/MF **A01**

UNIVERSIDAD NACIONAL DE COLOMBIA, MEDELLIN.

Vivienda Flotante Construida con Ferrocemento (Floating Habitations Constructed with Ferrocement).
PB85-123743 **05**-*511,935* PC **A06**/MF **A01**

UNIVERSIDAD POLITECNICA DE BARCELONA (SPAIN). ESCUELA TECNICA SUPERIOR DE INGENIEROS DE TELECOMUNICACION.

ESA-CR(P)-2005
Reduction of Radiation Damage in Solar Cells.
N85-31659/4 **23**-*553,081* PC **A06**/MF **A01**

Development of a 20/30 GHz Receiving Station for Propagation Experiments with L-SAT.
(EOARD-TR-85-2)
AD-A148 261/1 **05**-*512,537* PC **A04**/MF **A01**

UNIVERSIDADE DO ESTADO DO RIO DE JANEIRO (BRAZIL). CENTRO BIOMEDICO.

INIS-BR-232
Study of Absorbed Dose Distribution to High Energy Electron Beams.
DE85780980 **24**-*556,771* PC **A06**/MF **A01**

UNIVERSIDADE ESTADUAL DE CAMPINAS (BRAZIL). FACULDADE DE ENGENHARIA.

CONF-8307107-6
Effect of Niobium Microadditions on the Pearlite Formation and Microhardness.
DE85780392 **17**-*538,266* PC **A02**/MF **A01**

CONF-8307107-11
Solubility of Niobium in Austenite in the Presence of Nb(C,N).
DE85780790 **17**-*537,688* PC **A02**/MF **A01**

INIS-BR-206
Effect of Niobium Microadditions on the Pearlite Formation and Microhardness.
DE85780392 **17**-*538,266* PC **A02**/MF **A01**

INIS-BR-209
Solubility of Niobium in Austenite in the Presence of Nb(C,N).
DE85780790 **17**-*537,688* PC **A02**/MF **A01**

UNIVERSIDADE ESTADUAL PAULISTA, GUARATINGUETA (BRAZIL). FACULDADE DE ENGENHARIA.

CONF-8310381-1
Film Condensation on a Porous Vertical Surface in a Porous Media.
DE85781442 **25**-*559,419* PC **A02**/MF **A01**

INIS-BR-247
Film Condensation on a Porous Vertical Surface in a Porous Media.
DE85781442 **25**-*559,419* PC **A02**/MF **A01**

UNIVERSIDADE FEDERAL DE MINAS GERAIS, BELO HORIZONTE (BRAZIL). DEPT. DE ENGENHARIA NUCLEAR.

INIS-BR-163
Analysis of the Swift Model to Determine Stresses and Deformations in the Drawing Process of Tubes Without Mandrel.
DE85780565 **17**-*538,615* PC **A07**/MF **A01**

INIS-BR-288
Lyoluminescence Dosimetry of the Radiation in Industrial Doses.
DE85781572 **25**-*559,041* PC **A07**/MF **A01**

UNIVERSIDADE FEDERAL DE PERNAMBUCO, RECIFE (BRAZIL). DEPT. DE ENERGIA NUCLEAR.

CONF-8010336-V.2
Fixing Noble Gas in Zeolites.
DE83704219 **02**-*504,667* PC **A05**/MF **A01**

CONF-8209250-1
Applications of sup 137 Cs Distribution to the Study of Soil Physical Agents.
DE85780040 **10**-*521,901* PC **A02**/MF **A01**

INIS-BR-29
Fixing Noble Gas in Zeolites.
DE83704219 **02**-*504,667* PC **A05**/MF **A01**

INIS-BR-125
Numerical Study of the Eigenvalues in the Neutron Diffusion Theory.
DE84780530 **02**-*504,825* PC **A06**/MF **A01**

INIS-BR-131
Studies of the Properties of Some Saccharides for Lyoluminescence Dosimetry.
DE84780529 **01**-*501,988* PC **A04**/MF **A01**

INIS-BR-133
Applications of sup 137 Cs Distribution to the Study of Soil Physical Agents.
DE85780040 **10**-*521,901* PC **A02**/MF **A01**

INIS-BR-157
Cross Section Determination of Threshold Like (n,p), (n, alpha) and (n,2n) Reactions with 14 MeV Neutrons for the sup 50 Ti, sup 68 Zn and sup 90 Zr Nuclides.
DE85780841 **17**-*539,413* PC **A06**/MF **A01**

INIS-BR-161
Determination of Photopeak Efficiency for a NaI (Tl) Well Scintillation Detector.
DE85780486 **16**-*536,582* PC **A03**/MF **A01**

INIS-BR-181
Radiometric Determination of Uranium and Its Decay Products Found in Uranium Ores.
DE85780377 **17**-*537,671* PC **A02**/MF **A01**

INIS-BR-182
Simultaneous Determination of sup 56 Mn and sup 187 W in Neutron Activated Steels.
DE85780789 **17**-*538,274* PC **A03**/MF **A01**

INIS-BR-221
Project and Construction of a Pneumatic System for the Transference of Samples to a Neutron Generator.
DE85780490 **16**-*536,690* PC **A02**/MF **A01**

INIS-BR-259
Thermal Behavior Simulation of a Nuclear Fuel Rod Through an Electrically Heated Rod.
DE85781435 **25**-*559,293* PC **A08**/MF **A01**

UNIVERSIDADE FEDERAL DE PERNAMBUCO, RECIFE (BRAZIL). DEPT. DE QUIMICA.

INIS-BR-194
Method of Neutron Activation Analysis to Determine the Concentration of Alloy Elements in Steels.
DE85780379 **17**-*537,672* PC **A05**/MF **A01**

UNIVERSIDADE FEDERAL DE SANTA CATARINA, FLORIANOPOLIS (BRAZIL). PROGRAMA DE POS-GRADUACAO EM ENGENHARIA ELETRICA.

INIS-BR-178
Simulation of Nuclear Plant Operation into a Stochastic Energy Production Model.
DE85780590 **17**-*538,906* PC **A06**/MF **A01**

UNIVERSIDADE FEDERAL DE SANTA CATARINA, FLORIANOPOLIS (BRAZIL). PROGRAMA DE POS-GRADUACAO EM ENGENHARIA MECANICA.

INIS-BR-116
Numerical Calculation of the Main Variables of the Laminar Flow around a Circumferential Square Obstacle at the Wall of a Circular Pipe.
DE84780350 **01**-*502,379* PC **A07**/MF **A01**

UNIVERSIDADE FEDERAL DE SAO CARLOS (BRAZIL). DEPT. DE ENGENHARIA QUIMICA.

CONF-821290-Vs.1,2
Proceedings of the Meeting on Flow in Porous Media (10th) Held at Sao Carlos, Brazil on December 20, 1972. 2 Volumes.
DE85780479 **17**-*539,298* PC **A19**/MF **A01**

INIS-BR-220
Proceedings of the Meeting on Flow in Porous Media (10th) Held at Sao Carlos, Brazil on December 20, 1972. 2 Volumes.
DE85780479 **17**-*539,298* PC **A19**/MF **A01**

UNIVERSIDADE FEDERAL DE SAO CARLOS (BRAZIL). DEPT. DE FISICA.

INIS-BR-122
Introduction to Lattice Gauge Theories.
DE84780532 **08**-*518,094* PC **A03**/MF **A01**

UNIVERSIDADE FEDERAL DE SAO CARLOS (BRAZIL). DEPT. DE QUIMICA.

CONF-8404203-
Annuals of the 4. Brazilian Symposium on Electrochemistry and Electroanalytics (4th) Held at Sao Carlos on 15 April 1984.
DE85780501 **17**-*537,680* PC **A99**/MF **A01**

INIS-BR-175
Annuals of the 4. Brazilian Symposium on Electrochemistry and Electroanalytics (4th) Held at Sao Carlos on 15 April 1984.
DE85780501 **17**-*537,680* PC **A99**/MF **A01**

UNIVERSIDADE FEDERAL DO PARA, BELEM (BRAZIL).

INIS-BR-262
Statistical Treatment of Geochemical Data and Its Application in the Geologic Mapping and in the Definition of the Geochemical Anomalies in the Alvo 2-Corpo 4 -Provincia Mineral de Carajas.
DE85781511 **25**-*558,118* PC **A06**/MF **A01**

INIS-BR-274
Contribution to Chemical-Mineralogical Study of Carbonatites. 1. Samples from Jacupiranga (SP,Brazil) and Alto Pinheiros (SC,Brazil).
DE85781462 **25**-*558,057* PC **A02**/MF **A01**

INIS-BR-275
Semi-Quantitative Spectrographic Determination of Traces of Elements in Igneous Rocks.
DE85781519 **25**-*558,060* PC **A02**/MF **A01**

INIS-BR-276
Surface Materials as Reference Standards. Preliminary Results.
DE85781463 **25**-*558,058* PC **A02**/MF **A01**

INIS-BR-277
Occurrence and Trace Analysis of Sc and Y Associated to Natural Hydroxy - Phosphates.
DE85781464 **25**-*558,000* PC **A02**/MF **A01**

UNIVERSIDADE FEDERAL DO RIO DE JANEIRO (BRAZIL). COORDENACAO DOS PROGRAMAS DE POS-GRADUACAO DE ENGENHARIA.

CONF-8205290-2
Corrosion Fatigue of AISI 304 Stainless Steel in Aqueous Chloride Solution.
DE85780397 **17**-*538,269* PC **A02**/MF **A01**

CONF-8307107-9
Analysis by AUGER Spectroscopy of Type 65/35 alpha Brass Ductile Fracture.
DE85780400 **17**-*538,272* PC **A02**/MF **A01**

INIS-BR-177
Calculation of the Neutron Flux Variation and the Reactivity by High Order Perturbation Theory.
DE85780587 **17**-*539,220* PC **A03**/MF **A01**

INIS-BR-189
Multichannel Analyzer Based on Microprocessors.
DE85780487 **16**-*536,583* PC **A06**/MF **A01**

INIS-BR-202
Analysis by AUGER Spectroscopy of Type 65/35 alpha Brass Ductile Fracture.
DE85780400 **17**-*538,272* PC **A02**/MF **A01**

INIS-BR-215
Corrosion Fatigue of AISI 304 Stainless Steel in Aqueous Chloride Solution.
DE85780397 **17**-*538,269* PC **A02**/MF **A01**

INIS-BR-281
Thermal-Hydraulic Analysis of PWR Cores in Transient Condition.
DE85781490 **25**-*559,294* PC **A09**/MF **A01**

UFRJ-COPPE-PEN-118
Thermoelasticity.
DE85780293 **17**-*539,457* PC **A08**/MF **A01**

UFRJ-COPPE-PEN-119
Rewetting of Fuel Elements in Nuclear Reactors-a Variational Treatment.
DE85701483 **24**-*556,499* PC **A02**/MF **A01**

UFRJ-COPPE-PEN-121
Simplified Calculation of the Axial Distribution Temperature in a Medium Channel of PWR.
DE84703448 **10**-*522,756* PC **A04**/MF **A01**

UFRJ-COPPE-PEN-122
PATE - A Computer Code for the Calculation of Temperature Distribution in Cylindrical Fuel Rods.
DE84703435 **10**-*522,842* PC **A04**/MF **A01**

UFRJ-COPPE-PEN-123
CRISTE - A Subcomputer Code for Axial Distribution, Transient, of Temperatures in a Reactor Channel of PWR.
DE84703449 **10**-*522,757* PC **A05**/MF **A01**

UNIVERSIDADE FEDERAL DO RIO DE JANEIRO (BRAZIL). ESCOLA DE ENGENHARIA.

CONF-8307107-7
Surface Modifications Induced by Hydrogen in AISI 304 Stainless Steel.
DE85780493 **20**-*545,515* PC **A02**/MF **A01**

INIS-BR-207
Surface Modifications Induced by Hydrogen in AISI 304 Stainless Steel.
DE85780493 **20**-*545,515* PC **A02**/MF **A01**

UNIVERSIDADE FEDERAL DO RIO DE JANEIRO (BRAZIL). INST. DE BIOFISICA.

INIS-BR-187
Sup 226 Ra and sup 210 Pb Lixiviation Sediments from the Region of Uranium Mine and Mill in Pocos de Caldas, Contaminated in Laboratory by River Water and Chemical Agents, Mobility and Availability in Soils.
DE85780402 **15**-*534,646* PC **A07**/MF **A01**

UNIVERSIDADE FEDERAL DO RIO DE JANEIRO (BRAZIL). INST. DE FISICA.

INIS-BR-123
Bifurcation Set Associated to the Copy Phenomenon in the Space of Gauge Fields.
DE84780518 **01**-*502,586* PC **A02**/MF **A01**

INIS-BR-151
Counter Example of the Bloch Nordsiek Theorem for the Quark-Gluon Scattering.
DE85780836 **17**-*539,409* PC **A03**/MF **A01**

UFRJ-IF-01/82
Influence of Light-Quark Masses in Dynamical Scale Breaking.
DE85700541 **16**-*536,834* PC **A02**/MF **A01**

UFRJ-IF-02/82
Static Plane Symmetric Scalar Fields with a Traceless Energy-Momentum Tensor in General Relativity.
DE85700465 **16**-*536,889* PC **A02**/MF **A01**

UFRJ-IF-03/82
Upper Limits for 'Current Masses' of Light Quarks.
DE85700542 **16**-*536,835* PC **A02**/MF **A01**

UFRJ-IF-04/82
Heavy Baryons as Bound States of Three Quarks.
DE85700524 **16**-*536,817* PC **A02**/MF **A01**

UFRJ-IF-04/83
Electromagnetic Equations Based on the Law of Biot and Savart.
DE84701012 **03**-*507,280* PC **A03**/MF **A01**

UFRJ-IF-05/82
Decay of Heavy Mesons into Possible Spin 3/2 Leptons.
DE85700525 **16**-*536,818* PC **A02**/MF **A01**

UFRJ-IF-05/83
Particle Moving in a Homogeneous Time Varying Force.
DE84701013 **03**-*507,681* PC **A02**/MF **A01**

UFRJ-IF-06/82
Bound Systems of Heavy Quarks.
DE85700526 **16**-*536,819* PC **A02**/MF **A01**

UFRJ-IF-07/82
Angular Dependence of Cathodic Induced Signals in a Cylindrical Proportional Detector.
DE85700547 **16**-*536,568* PC **A02**/MF **A01**

UFRJ-IF-08/82
Generalized Electrovacs.
DE85700466 **16**-*536,890* PC **A02**/MF **A01**

UFRJ-IF-09/82
Static Conformally Invariant Scalar Field.
DE85700467 **16**-*536,891* PC **A02**/MF **A01**

UFRJ-IF-23/83
Motion of a Classical Particle with Spin.
DE85700303 **15**-*535,039* PC **A02**/MF **A01**

UNIVERSIDADE FEDERAL DO RIO DE JANEIRO (BRAZIL). INST. DE QUIMICA.

CONF-8410271-1
Determination of Nickel in Chloralkali Electrolysis Brines by X-Ray Fluorescence Spectrometry on a Membrane Filter.
DE85781518 **25**-*557,878* PC **A02**/MF **A01**

INIS-BR-273
Determination of Nickel in Chloralkali Electrolysis Brines by X-Ray Fluorescence Spectrometry on a Membrane Filter.
DE85781518 **25**-*557,878* PC **A02**/MF **A01**

UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE (BRAZIL).

CONF-8209271-
Proceedings of the National Meeting of Moessbauer Spectroscopy (1st) Held at Porto Alegre, Brazil on 23 September 1982.
DE85781261 **24**-*555,332* PC **A05**/MF **A01**

INIS-BR-244
Proceedings of the National Meeting of Moessbauer Spectroscopy (1st) Held at Porto Alegre, Brazil on 23 September 1982.
DE85781261 **24**-*555,332* PC **A05**/MF **A01**

UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE (BRAZIL). DEPT. DE METALURGIA.

CONF-8210153-5
Properties of ABNT 41XX and 86XX Cast Steel Modified with Niobium; Evaluation Methodology and Experimental Preliminary Results.
DE85780088 **20**-*545,514* PC **A02**/MF **A01**

INIS-BR-147
Properties of ABNT 41XX and 86XX Cast Steel Modified with Niobium; Evaluation Methodology and Experimental Preliminary Results.
DE85780088 **20**-*545,514* PC **A02**/MF **A01**

UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE (BRAZIL). INST. DE FISICA.

INIS-BR-150
Quantization of Spontaneously Broken Gauge Theories in the Unitary Gauge Through the Dirac Bracket Formalism.
DE85780820 **17**-*539,406* PC **A02**/MF **A01**

INIS-BR-152
Generalized Treatment of Point Canonical Transformations in the Path Integral.
DE85780818 **17**-*539,441* PC **A02**/MF **A01**

UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE (BRAZIL). POS-GRADUACAO EM ENGENHARIA CIVIL.

INIS-BR-134
Numerically and Experimentally Analysis of Creep.
DE85780039 **10**-*522,339* PC **A09**/MF **A01**

INIS-BR-135
Discretization Model for Nonlinear Dynamic Analysis of Three Dimensional Structures.
DE85780294 **17**-*539,112* PC **A05**/MF **A01**

UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL, PORTO ALEGRE (BRAZIL). PROGRAMA DE POS-GRADUACAO EM ENGENHARIA METALURGICA E DOS MATERIAIS.

CONF-8205290-1
Evaluation of Stress Corrosion Cracking of Austenitic Stainless Steel in MgCl sub 2 Solution Added with NaNO sub 3 , with the Slow Strain Rate Test.
DE85780396 **17**-*538,268* PC **A02**/MF **A01**

CONF-8305237-2
Anodic Behaviour of AISI 304 Stainless Steel Straining Electrodes in Aqueous Chloride Solutions.

DE85780793 **17**-*538,276* PC **A02**/MF **A01**

INIS-BR-214
Evaluation of Stress Corrosion Cracking of Austenitic Stainless Steel in MgCl sub 2 Solution Added with NaNO sub 3 , with the Slow Strain Rate Test.
DE85780396 **17**-*538,268* PC **A02**/MF **A01**

INIS-BR-217
Anodic Behaviour of AISI 304 Stainless Steel Straining Electrodes in Aqueous Chloride Solutions.
DE85780793 **17**-*538,276* PC **A02**/MF **A01**

UNIVERSIDADE FEDERAL FLUMINENSE, NITEROI (BRAZIL).

INIS-BR-155
Mineralogic and Sedimentologic Characteristics of the Lagoa de Araruama, RJ - Brazil.
DE85780852 **17**-*537,788* PC **A02**/MF **A01**

UNIVERSIDADE FEDERAL FLUMINENSE, NITEROI (BRAZIL). INST. DE BIOLOGIA.

INIS-BR-154
Radioactive Contamination of Bunodosoma Caissarum under Controlled Conditions.
DE85780854 **17**-*538,885* PC **A02**/MF **A01**

UNIVERSIDADE FEDERAL FLUMINENSE, NITEROI (BRAZIL). INST. DE FISICA.

INIS-BR-156
Plasma Heating by Kinetic Alfven Wave.
DE85780829 **17**-*539,435* PC **A11**/MF **A01**

UNIVERSITAETS- UND LANDESBIBLIOTHEK SACHSEN-ANHALT, HALLE (GERMAN D.R.).

NP-5770296
Effects of Sulphur Dioxide on Plants with Special Reference to Biochemical and Physiological Responses.
DE85770296 **22**-*549,741* PC **A07**/MF **A01**

UNIVERSITE DE TECHNOLOGIE DE COMPIEGNE (FRANCE).

FRNC-TH-1617
Multidimensional Analysis of Meteorological Data and Classification in "Typical Days" for Five French Stations. Application to the Transposition of a Solar Heating System.
DE85751004 **18**-*541,028* PC **A12**

FRNC-TH-1620
Simulations of the Kinetics of Large Wood Particle Pyrolysis and of Material Balance of Pure Oxygen Gasification.
DE85751351 **20**-*547,122* PC **A08**

FRNC-TH-1720
Application of Solar Energy in Dwellings and Industry in Space Heating and Cooling Field.
DE85750963 **19**-*543,339* PC **A07**

Fatigue: Etude de la Fatigabilite d'un Groupe Musculaire (Fatigue: A Study of the Fatigability of a Muscular Group).
PB85-145969 **08**-*516,283* PC **E04**/MF **E04**

Etude des Pertes de Charge Additionnelles Produites par des Bulles de Gaz dans un Ecoulement Capillaire (Study of Additional Load Losses Produced by Gas Bubbles in a Capillary Flow).
PB85-211241 **19**-*544,016* PC **E07**/MF **E07**

Perfectionnement des Lois de Comportement sous Chargement Complexe (Perfecting the Behavior Laws of Fatigue Cracking of Aluminum Alloys under Complex Loads).
PB85-218584 **20**-*545,532* PC **E06**/MF **E06**

UNIVERSITE DE VALENCIENNES ET DU HAINAUT-CAMBRESIS (FRANCE).

Effets des Vibrations Mecaniques de Tres Basses Frequences sur les Performances Visuo-Manuelles de l'Homme (Effect of Very-Low-Frequency Vibrations on Visuo-Manual Performances of Man).
PB85-172351 **13**-*528,855* PC **E05**/MF **E05**

UNIVERSITE DE VALENCIENNES ET DU HAINAUT-CAMBRESIS (FRANCE). LAB. DE MECANIQUE DES FLUIDES.

Comportement des Cones Elances a Grande Incidence (Behavior of High-Incidence Slender Cones).
PB85-228450 **23**-*554,211* PC **E05**/MF **E05**

UNIVERSITE SCIENTIFIQUE ET MEDICALE DE GRENOBLE (FRANCE). LAB. DE SPECTROMETRIE PHYSIQUE.

Transferts d'Excitations Optiques dans les Solides Dopes (Transfer of Optical Excitations in Doped Solids).
PB85-156479 **10**-*522,980* PC **E04**/MF **E04**

UNIVERSITIES RESEARCH REACTOR, RISLEY (ENGLAND).

INIS-mf-9054
Annual Report 1982-83 (for the Universities Research Reactor, Risley, England).
DE85780008 **09**-*520,155* PC **A02**/MF **A01**

UNIVERSITIES SPACE RESEARCH ASSOCIATION, BOULDER, CO.

NAS 1.26:171176
Research Study: Studies in Atmospheric Processes from Space Platforms.
(NASA-CR171176)
N85-10473/5 **03**-*505,415* PC **A02**/MF **A01**

NAS 1.26:171181
Exploratory Investigation of the Need for and Feasibility of a Lower Atmosphere Research Satellite (LARS) Program.
(NASA-CR-171181)
N85-10091/5 **03**-*507,863* PC **A03**/MF **A01**

NAS 1.26:171337
Cyclone Diagnostics.
(NASA-CR-171337)
N85-19567/5 **13**-*528,448* PC **A02**/MF **A01**

UNIVERSITIES SPACE RESEARCH ASSOCIATION, COLUMBIA, MD.

NAS 1.26:3826
Initialization of a Mesoscale Model for April 10, 1979, Using Alternative Data Sources.
(NASA-CR-3826)
N84-34815/0 **02**-*502,932* PC **A11**/MF **A01**

NAS 1.26:3905
Excitation of Turbulence by Density Waves.
(NASA-CR-3905)
N85-30546/4 **22**-*549,435* PC **A04**/MF **A01**

NAS 1.26:175914
Activities at the Lunar and Planetary Institute.
(NASA-CR-175914)
N85-29859/4 **21**-*547,241* PC **A04**/MF **A01**

QR-1
Excitation of Turbulence by Density Waves.
(NASA-CR-3905)
N85-30546/4 **22**-*549,435* PC **A04**/MF **A01**

UNIVERSITY CITY SCIENCE CENTER, PHILADELPHIA, PA.

DOE/CE/40654-T1
Manufacturing Costs, Equipment Needs and Technological Opportunities among Small and Medium-Size Manufacturers.
DE85000479 **04**-*508,161* PC **A02**/MF **A01**

DOE/CE/40654-T2
Energy Management Assistance for Small and Medium-Size Manufacturers. A First-Stage Evaluation of the 1983-1984 EADC Program.
DE85000480 **04**-*509,248* PC **A03**/MF **A01**

DOE/CE/40699-T1
Energy Management Assistance for Small and Medium-Size Manufacturers: An Evaluation of the 1983-84 EADC Program.
DE85007492 **13**-*529,318* PC **A03**/MF **A01**

DOE/CS/40091-T1
Program of Direct Energy Efficiency Improvement for Medium-Size and Small Manufacturers. Energy Analysis and Diagnostic Centers Phase Two of the 1981-1983 Program.
DE85000548 **05**-*511,579* PC **A04**/MF **A01**

DOE/CS/40091-T2
Fifty Case Studies of Industrial Energy Conservation among Small and Medium-Size Manufacturers.
DE85000546 **04**-*509,569* PC **A05**/MF **A01**

DOE/CS/40091-T3
Implementation Results and Financial Returns from EADCS' (Energy Analysis and Diagnostic Centers') Recommendations to Conserve Energy and Control Costs. Third Phase, 1981-1983 Program.
DE85000547 **04**-*509,570* PC **A03**/MF **A01**

DOE/CS/40091-T4
Energy Management Assistance for Small and Medium-Size Manufacturers. A Third-Stage Evaluation of the 1981-1983 EADC Program.
DE85000545 **04**-*509,253* PC **A03**/MF **A01**

DOE/CS/40091-T5
Program of Direct Energy Efficiency Improvement for Medium-Size and Small Manufacturers. Energy Analysis and Diagnostic Centers Phase Three of the 1981 to 1983 Program.
DE85000544 **04**-*509,252* PC **A04**/MF **A01**

DOE/CS/40091-T6
Implementation Results and Financial Returns from EADCs' Recommendations to Conserve Energy and Control Costs. Second Phase, 1981-1983 Program.
DE85000481 **04**-*509,249* PC **A03**/MF **A01**

DOE/CS/40091-T7
Effectiveness Assessment Visits. Energy Analysis and Diagnostic Centers, October-November 1981.
DE85000476 **04**-*509,566* PC **A02**/MF **A01**

DOE/CS/40091-T8
Energy Management Assistance for Small and Medium-Size Manufacturers. A First-Stage Evaluation of the 1981-1983 Program.
DE85000549 **09**-*519,189* PC **A03**/MF **A01**

DOE/CS/40091-T9
Implementation of Energy Conservation Opportunities by Small and Medium-Size Manufacturers. Second Phase, 1981-1983 EADC Program.
DE85000482 **04**-*509,568* PC **A03**/MF **A01**

DOE/CS/40091-T10
Program of Direct Energy Conservation Assistance for Medium-Size and Small Manufacturers. Energy Analysis and Diagnostic Centers, September 1981-September 1982.
DE85001614 **05**-*511,789* PC **A05**/MF **A01**

DOE/CS/40091-T11
Implementation of EADCs' (Energy Analysis and Diagnostic Centers') Recommendations to Conserve Energy and Save Dollars (1981-1982).
DE85000477 **04**-*509,567* PC **A03**/MF **A01**

DOE/CS/40091-T12
Energy Management Assistance for Small and Medium-Size Manufacturers. An Evaluation of the EADC Program.
DE85000478 **09**-*519,186* PC **A03**/MF **A01**

DOE/CS/40091-T14
Energy Conservation Opportunities Implemented by Small and Medium-Size Manufacturers. EADC Program, 1981-1983.
DE85012979 **20**-*545,288* PC **A03**/MF **A01**

UNIVERSITY CITY SCIENCE CENTER, PHILADELPHIA, PA. CENTER FOR ENERGY MANAGEMENT AND INDUSTRIAL TECHNOLOGY.

DOE/CE/40699-T2
Case Studies of Industrial Energy Conservation among Small and Medium-Size Manufacturers. Volume 2.
DE85016932 **26**-*560,772* PC **A06**/MF **A01**

UNIVERSITY COLL., CORK (IRELAND). DEPT. OF CHEMISTRY.

Oxide Cathode Mechanisms: Electronic and Structural Features of Oxide Cathode Surfaces.
(AFWAL-TR-84-4158)
AD-A157 666/9 **23**-*552,754* PC **A05**/MF **A01**

UNIVERSITY COLL., CORK (IRELAND). MICROELECTRONICS RESEARCH CENTER.

Low Capacitance E-Beam Fabricated Beam-Lead Schottky Barrier Diodes.
AD-A150 238/4 **10**-*521,907* PC **A03**/MF **A01**

UNIVERSITY COLL., DUBLIN (IRELAND). DEPT. OF POLITICAL ECONOMY.

NP-5900277
Can an Oil Discovery Lead to a Recession.
DE85900277 **08**-*516,763* PC **A02**/MF **A01**

UNIVERSITY COLL., GALWAY (IRELAND).

Electro-Optical Transmission and Liquid Water Content of Fogs and Clouds.
(R/D-2827-EN)
AD-A157 506/7 **23**-*554,233* PC **A04**/MF **A01**

UNIVERSITY COLL., LONDON (ENGLAND). DEPT. OF COMPUTER SCIENCE.

INDRA-TR-86
Organization of Multi-Type Documents and Their Transmission over Computer Networks.
PB85-182152 **16**-*536,513* PC **E12**/MF **E12**

INDRA-TR-93
Itegrated Network Management.
PB85-182517 **16**-*536,514* PC **E13**/MF **E13**

INDRA-TR-98
UCL (University College, London) UMC-Z80 Unix Front-End.
PB85-182137 **16**-*536,511* PC **E04**/MF **E04**

INDRA-TR-101
Network Management in a Distributed Service Environment.
PB85-182129 **15**-*533,844* PC **E03**/MF **E03**

INDRA-TR-101
Final Report on Network Monitoring Management and Control in Project Universe.
PB85-182145 **16**-*536,512* PC **E05**/MF **E05**

INDRA-TR-104
University College Status and Alarm System.
PB85-182103 **15**-*533,842* PC **E03**/MF **E03**

UCL-CS-TR-103
UK-US (United Kingdom-United States) Collaborative Computing Progress Report, October 1983 - October 1984.
PB85-182111 **15**-*533,843* PC **E05**/MF **E05**

UNIVERSITY COLL., LONDON (ENGLAND). DEPT. OF ELECTRONIC AND ELECTRICAL ENGINEERING.

BR93258
Investigation of Steel Structures Using Ultrasonic Waves.
N85-23091/0 **15**-*534,038* PC **A03**/MF **A01**

UNIVERSITY COLL., LONDON (ENGLAND). DEPT. OF PHYSICS AND ASTRONOMY.

Thermospheric Energy Flux of the Semidiurnal Tide.
(AFOSR-TR-84-1136)
AD-A149 029/1 **07**-*514,404* PC **A02**/MF **A01**

UNIVERSITY COLL. OF NORTH WALES, BANGOR. DEPT. OF PHYSICS.

Evaluation and Preparation of Ferromagnetic Liquid Composites for Use at Millimeter Wavelengths.
(R/D-4130-R-MS)
AD-A153 939/4 **16**-*536,734* PC **A04**/MF **A01**

UNIVERSITY COLL. OF NORTH WALES, BANGOR. SCHOOL OF ELECTRONIC ENGINEERING SCIENCE.

Piezoelectric and Electrostatic Polymeric Transducers for Acoustic Emission Detection.
AD-A150 883/7 **11**-*524,788* PC **A03**/MF **A01**

Shearographic Imaging System.
(R/D-4679-E-01)
AD-A156 538/1 **21**-*548,681* PC **A02**/MF **A01**

UNIVERSITY COLL. OF NORTH WALES, MENAI BRIDGE. MARINE SCIENCE LABS.

MG-64/1
Remote Assessment of Permeability/Thermal Diffusivity of Consolidated Clay Sediments.
DE84703179 **13**-*530,062* PC **A06**/MF **A01**

UNIVERSITY COLL. OF SWANSEA (WALES).

Average Loss Factors for Use in Statistical Energy Analysis.
AD-P004 710/0 **19**-*544,260* PC **A02**/MF **A01**

UNIVERSITY COLL. OF SWANSEA (WALES). INST. FOR NUMERICAL METHODS IN ENGINEERING.

Simple Extension to Multidimensional Problems of the Artificial Viscosity Due to Lapidus.
N85-15134/8 09-*520,213* PC **A02**/MF **A01**

UNIVERSITY COLL. OF SWANSEA (WALES). SWANSEA TRIBOLOGY CENTRE.

ESA-CR(P)-1973
Molybdenum Disulphide Lubrication: A Continuation Survey, 1981 - 1983.
N85-29065/8 21-*548,179* PC **A07**/MF **A01**

REPT-84-549
Molybdenum Disulphide Lubrication: A Continuation Survey, 1981 - 1983.
N85-29065/8 21-*548,179* PC **A07**/MF **A01**

UNIVERSITY COLL. OF WALES, ABERYSTWYTH. DEPT. OF PHYSICS.

SCIENTIFIC-2
Behaviour of Detonation Waves in Single Phase Heterogeneous Systems.
(AFOSR-TR-84-1209)
AD-A149 825/2 09-*520,170* PC **A02**/MF **A01**

Scintillation Using NNSS Satellites.
(AFGL-TR-85-0053)
AD-A152 804/1 15-*534,504* PC **A02**/MF **A01**

UNIVERSITY FOR MAN, MANHATTAN, KS.

DOE/R7/01018-T1
Solar Addition for the University for Man Appropriate Technology Program.
DE84007755 02-*504,179* PC **A02**/MF **A01**

UNIVERSITY HOSPITAL, SEATTLE, WA. BIOELECROMAGNETICS RESEARCH LAB.

SR-26
Effects of Long-Term Low-Level Radiofrequency Radiation Exposure on Rats. Volume 7. Metabolism, Growth, and Development.
(USAFSAM-TR-84-31)
AD-A150 829/0 11-*523,867* PC **A06**/MF **A01**

SR-28
Effects of Long-Term Low-Level Radiofrequency Radiation Exposure on Rats. Volume 8. Evaluation of Longevity, Cause of Death, and Histopathological Findings.
(USAFSAM-TR-85-11)
AD-A154 283/6 17-*537,567* PC **A04**/MF **A01**

UNIVERSITY OF CENTRAL FLORIDA, ORLADO. DEPT. OF COMPUTER ENGINEERING.

NAS 1.26:175664
Slam II Simulation Model for Analyzing Space Station Mission Processing Requirements.
(NASA-CR-175664)
N85-26853/0 10-*544,428* PC **A06**/MF **A01**

UNIVERSITY OF CENTRAL FLORIDA, ORLANDO. COLL. OF ENGINEERING.

Destruction of VOCS (Volatile Organic Compounds) by a Catalytic Paint Drying (Infrared) Device.
(EPA/600/2-85/064)
PB85-215333 18-*540,813* PC **A04**/MF **A01**

Evaluation of New and Emerging Technologies in the Metal Finishing Industry.
(EPA/600/2-85/072)
PB85-216562 20-*545,892* PC **A05**/MF **A01**

UNIVERSITY OF CENTRAL FLORIDA, ORLANDO. DEPT. OF INDUSTRIAL ENGINEERING.

NAS 1.26:175584
Nasa: Model Development for Human Factors Interfacing.
(NASA-CR-175584)
N85-21985/5 14-*531,121* PC **A06**/MF **A01**

UNIVERSITY OF CENTRAL FLORIDA, ORLANDO. DEPT. OF PHYSICS.

Measurement of 'G' for Small Inter-Mass Spacings.
PB85-131233 08-*518,119*
(Order as PB85-130078, PC **A99**/MF **A01**)

UNIVERSITY OF HEALTH SCIENCES-CHICAGO MEDICAL SCHOOL, IL. DEPT. OF PHARMACOLOGY.

Pharmacology of Periodontal Disease.
AD-A157 116/5 23-*552,365* PC **A02**/MF **A01**

UNIVERSITY OF MANCHESTER INST. OF SCIENCE AND TECHNOLOGY (ENGLAND).

Inviscid Compressible Flow Past a Multi-Element Aerofoil.
AD-P004 055/0 03-*505,258* PC **A02**/MF **A01**

UNIVERSITY OF MANCHESTER INST. OF SCIENCE AND TECHNOLOGY (ENGLAND). CONTROL SYSTEMS CENTRE.

CONTROL SYSTEMS CENTRE-582
Self-Tuning Algorithm for Multivariable Systems.
PB85-110708 06-*513,666* PC **E08**/MF **E08**

CONTROL SYSTEMS CENTRE-591-REV
Preheat Prediction Models (Revised).
PB85-155737 10-*522,243* PC **E04**/MF **E04**

CONTROL SYSTEMS CENTRE-598
Dynamical Modelling and Simulation of a Robot Manipulator Arm.
PB85-155505 10-*522,404* PC **E04**/MF **E04**

CONTROL SYSTEMS CENTRE-599
Decomposition-Coordination Techniques for Parallel Simulation. Part 1.
PB85-155752 10-*522,215* PC **E03**/MF **E03**

CONTROL SYSTEMS CENTRE-600
Decomposition-Coordination Techniques for Parallel Simulation. Part 2. Simulation of Gas Flow in a Pipeline.
PB85-155745 10-*522,214* PC **E03**/MF **E03**

CONTROL SYSTEMS CENTRE-601
Identifying Sampled Data Systems Using Difference Operator Models.
PB85-155513 10-*522,210* PC **E04**/MF **E04**

CONTROL SYSTEMS CENTRE-602
Model Order Determination and Parameter Identification of a Linear Model of a Robot Manipulator Arm.
PB85-155521 10-*522,405* PC **E04**/MF **E04**

CONTROL SYSTEMS CENTRE-603
Detection and Location of Leaks in Gas Pipelines.
PB85-156370 10-*522,307* PC **E04**/MF **E04**

CONTROL SYSTEMS CENTRE-604
Framework for Design: Theory of Majorants.
PB85-156388 10-*522,219* PC **E04**/MF **E04**

CONTROL SYSTEMS CENTRE-605
Model Order Determination for State Space Control Design Methods.
PB85-156396 10-*522,220* PC **E03**/MF **E03**

CONTROL SYSTEMS CENTRE-606
Martingale Methods in Stability Analysis.
PB85-156404 10-*522,221* PC **E04**/MF **E04**

CONTROL SYSTEMS CENTRE-607
Confidence Limits on Identified Frequency Responses.
PB85-155778 10-*522,217* PC **E03**/MF **E03**

CONTROL SYSTEMS CENTRE-608
Mark-Opt - A Negotiating Tool for Manufacturers and Retailers.
PB85-155786 10-*521,177* PC **E04**/MF **E04**

CONTROL SYSTEMS CENTRE-609
Elimination of the Outside Influence in the Prediction of Optimum Start Control.
PB85-156008 10-*522,244* PC **E03**/MF **E03**

CONTROL SYSTEMS CENTRE-610
Confidence Limits on Identified Pole Positions and Root Loci.
PB85-155760 10-*522,216* PC **E03**/MF **E03**

CONTROL SYSTEMS CENTRE-611
Identification of Two Dimensional Data Models.
PB85-155992 10-*521,998* PC **E04**/MF **E04**

CONTROL SYSTEMS CENTRE-612
Self-Tuning Filters and Predictors for Two-Dimensional Systems. 1. Algorithms.
PB85-155570 10-*521,995* PC **E04**/MF **E04**

CONTROL SYSTEMS CENTRE-613
Suboptimal Feedback Control for Perturbed Discrete Bilinear Systems.
PB85-155539 10-*522,211* PC **E04**/MF **E04**

CONTROL SYSTEMS CENTRE-614
Self-Tuning Filters and Predictors for Two-Dimensional Systems. 2. Smoothing Applications.
PB85-155596 10-*521,997* PC **E04**/MF **E04**

CONTROL SYSTEMS CENTRE-615
Dynamics and Control of Plants with Recycle.
PB85-163947 12-*526,622* PC **E04**/MF **E04**

CONTROL SYSTEMS CENTRE-616
Self-Tuning Filters and Predictors for Two-Dimensional Systems. 3. Prediction Applications.
PB85-155588 10-*521,996* PC **E04**/MF **E04**

CONTROL SYSTEMS CENTRE-617
Reduced Variance Pole Assignment Self-Tuning Controllers.
PB85-155554 10-*522,212* PC **E04**/MF **E04**

CONTROL SYSTEMS CENTRE-618
Expert Identification and Control.
PB85-155562 10-*521,977* PC **E03**/MF **E03**

CONTROL SYSTEMS CENTRE-620
Self-Tuning Instrument Based on a Personal Computer.
PB85-155547 10-*521,976* PC **E05**/MF **E05**

CONTROL SYSTEMS CENTRE-621
Design of Delayed Control Systems Using Zakian's Framework.
PB85-155604 10-*521,660* PC **E04**/MF **E04**

CONTROL SYSTEMS CENTRE-622
Confidence Regions for Identified Transfer Functions of Unknown Order.
PB85-155612 10-*522,213* PC **E04**/MF **E04**

CONTROL SYSTEMS CENTRE-624
Design of Robust Control Systems for Plants with Recycle.
PB85-156362 10-*522,218* PC **E03**/MF **E03**

UNIVERSITY OF MANCHESTER INST. OF SCIENCE AND TECHNOLOGY (ENGLAND). DEPT. OF MECHANICAL ENINEERING.

Turbulent Convecting Flow in a Square Duct with a 180 deg Bend: An Experimental and Numerical Study.
AD-A146 507/9 01-*502,374* PC **A16**/MF **A01**

Computation of Flow and Heat Transfer in Flow Around a 180 deg Bend.
AD-A148 065/6 04-*510,193* PC **A05**/MF **A01**

UNIVERSITY OF MANCHESTER INST. OF SCIENCE AND TECHNOLOGY (ENGLAND). DEPT. OF PHYSICS.

Radiation Fog Modeling. Final Technical Report September 1981 - September 1982.
AD-A157 895/4 24-*554,682* PC **A04**/MF **A01**

Radiation Fog Modeling. Interim Status Report Number 1.
AD-A157 971/3 24-*554,684* PC **A02**/MF **A01**

Radiation Fog Modeling. Interim Status Report Number 2.
AD-A157 972/1 24-*554,685* PC **A02**/MF **A01**

UNIVERSITY OF MANCHESTER INST. OF SCIENCE AND TECHNOLOGY (ENGLAND). DEPT. OF PURE AND APPLIED PHYSICS.

Studies of Electro-Optical Attenuation in the Vicinity of Cloud Base.
(EOARD-TR-85-06)
AD-A151 745/7 13-*526,406* PC **A03**/MF **A01**

UNIVERSITY OF NORTH FLORIDA, JACKSONVILLE.

Minority Participation in the Regulated Motor Carrier Industry.
(DOT/OST/P34-85/022)
PB85-237980 25-*557,521* PC **A16**/MF **A01**

UNIVERSITY OF SOUTH ALABAMA, MOBILE. COLL. OF MEDICINE.

Effect of Injury or Resuscitation on Coagulation Mechanisms.
AD-P004 406/5 12-*526,559* PC **A02**/MF **A01**

UNIVERSITY OF SOUTH ALABAMA, MOBILE. DEPT. OF BIOLOGICAL SCIENCES.

Mud Crabs of the 'Panopeus herbstii' H. M. Edw., S.L. Complex in Alabama, U.S.A.,
PB85-152015 10-*521,788*
(Order as PB85-151819, PC **A12**/MF **A01**)

UNIVERSITY OF SOUTH FLORIDA, ST. PETERSBURG. DEPT. OF MARINE SCIENCE.

DOE/ER/60285-1
Collection and Simulation Analysis of Moored Fluorometer Time Series from the Mid-Atlantic and South Atlantic Bights. Appendix 1. Satellite Detection of Phytoplankton Export from the Mid-Atlantic Bight During the 1979 Spring Bloom.
DE85013859 22-*550,053* PC **A05**/MF **A01**

DOE/EV/05486-1
West Florida Continental Shelf: A Study of Geothermal Flows and Other Processes Affecting Radionuclides and Trace Metals. Final Report, July 1, 1977-September 30, 1982.
DE85001666 06-*513,364* PC **A03**/MF **A01**

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TR-4
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TR-5
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TR-27
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TR-28
Infrared Spectroelectrochemical Study of Adsorbed Tetracyanoethylene Anions at a Platinum Electrode.
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TR-29
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TR-30
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AD-A148 655/4 **06**-*513,217* PC **A02**/MF **A01**

TR-31
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TR-32
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TR-33
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AD-A148 660/4 **06**-*513,221* PC **A02**/MF **A01**

TR-34
Modulated Surface Vibrational Spectroscopies at Electrode/Electrolyte Interfaces.
AD-A148 665/3 **06**-*513,226* PC **A03**/MF **A01**

TR-35
FT-IR/PA Study of Quinoline Adsorbed on Calcined and Sulfided Mo/Gamma-Al2O3.
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TR-36
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TR-37
Homogeneous Reaction Involving Components of Different Redox Couples. I. Theoretical Considerations and Digital Simulation.
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TR-38
Construction and Behaviour of Ultramicroelectrodes: Investigations of Novel Electrochemical Systems.
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TR-39
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PB85-194603 **17**-*538,212* PC **A05**/MF **A01**

VPI/E-85/08
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PB85-194694 **17**-*538,213* PC **A04**/MF **A01**

VPI/E-85/09
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PB85-194702 **17**-*538,214* PC **A04**/MF **A01**

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DOE/ER/10711-4
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DE85000848 **07**-*515,037* PC **A08**/MF **A01**

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VPI-E-83-28
Simple Higher-Order Theory for Laminated Composite Plates.
PB85-118966 **03**-*507,741* PC **A03**/MF **A01**

VPI-E-85-4
Experimental Investigation of a Turbulent Junction Vortex.
PB85-173524 **14**-*532,590* PC **A13**/MF **A01**

VPI-E-85-7
Application of Lightweight Composite Materials to Naval Weapons Systems.
PB85-173607 **13**-*529,465* PC **A03**/MF **A01**

Thermo-Mechanical and Thermal Behavior of High-Temperature Structural Materials.
AD-A154 154/9 **17**-*538,205* PC **A10**/MF **A01**

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DEPT. OF AEROSPACE AND OCEAN ENGINEERING.

VPI-AERO-136
Injection, Atomization, Ignition and Combustion of Liquid Fuels in High-Speed Air Streams.
(AFOSR-TR-85-0382)
AD-A154 056/6 **17**-*539,529* PC **A02**/MF **A01**

Experimental Study of Active Vibration Control.
(AFOSR-TR-84-0955)
AD-A148 333/8 **05**-*512,641* PC **A02**/MF **A01**

Modeling Localized Stress Fields in Composite Laminates.
(AFOSR-TR-84-1116)
AD-A148 630/7 **06**-*513,535* PC **A02**/MF **A01**

Numerical and Experimental Studies of 3-D and Unsteady turbulent Body/Appendage/Propeller Flows.
AD-A157 078/7 **23**-*554,183* PC **A04**/MF **A01**

Forward Swept Wing Static Aeroelasticity.
(AFFDL-TR-79-3087)
AD-B042 815/1 **10**-*520,935* PC **A04**/MF **A01**

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DOE/R3/08102-T1
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DE85009166 **15**-*532,929* PC **A10**/MF **A01**

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(EPA/600/J-84/182)
PB85-144079 **07**-*514,671* Not available NTIS

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DE85003518 **08**-*518,258* PC **A06**/MF **A01**

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GC-FTIR (Fourier Transform Infrared Spectrometry) of Jet Fuels.
(AFWAL-TR-84-2007)
AD-A148 272/8 **05**-*511,191* PC **A08**/MF **A01**

Novel Poly(Aryl Ether) Membranes for Desalination by Reverse Osmosis.
PB85-126700 **05**-*51 170* PC **A07**/MF **A01**

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DEPT. OF CIVIL ENGINEERING.

DOE/OR/00033-T98
Boundary Layer Transport of Small Particles.
DE85015024 **24**-*555,324* PC **A10**/MF **A01**

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DEPT. OF ENGINEERING SCIENCE AND MECHANICS.

VPI-E-84-5
Nonlinear Analysis of Layered Composite Plates and Shells.
PB85-127181 **05**-*512,517* PC **A04**/MF **A01**

VPI-E-84-36
Geometrically Nonlinear Analysis of Laminated Elastic Structures.
PB85-127173 **05**-*512,516* PC **A06**/MF **A01**

VPI-E-85-10
Survey of the Turbulence in the Marine Surface Layer for the Operation of Low-Reynolds Number Aircraft.
AD-A154 133/3 **17**-*537,155* PC **A07**/MF **A01**

A Higher-Order Shear Deformation Theory of Laminated Elastic Shells.
(ARO-21203.1-MA)
AD-A158 401/0 **25**-*558,764* PC **A02**/MF **A01**

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(ARO-21203.2-MA)
AD-A158 472/1 **25**-*558,388* PC **A02**/MF **A01**

Nonlinear Effects in Hydrodynamic Stability.
AD-P004 049/3 **03**-*507,300* PC **A02**/MF **A01**

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AD-P004 050/1 **03**-*507,301* PC **A02**/MF **A01**

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AD-P004 166/5 **05**-*512,417* PC **A02**/MF **A01**

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AD-P004 926/2 **24**-*556,980* PC **A02**/MF **A01**

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AD-P004 955/1 **24**-*556,643* PC **A02**/MF **A01**

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Population Growth and Behavior of Blattella germanica (L.) (Orthoptera: Blattellidae) in Experimentally Established Shipboard Infestations.
AD-A149 854/2 **09**-*518,611* PC **A02**/MF **A01**

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AD-A157 603/2 **23**-*552,229* PC **A02**/MF **A01**

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FWS/OBS-82/11.9
Species Profiles: Life Histories and Environmental Requirements of Coastal Fishes and Invertebrates (Mid-Atlantic).
(FWS/OBS-82/11.8, WES/TR/EL-82-4-2)
AD-A147 772/8 **04**-*508,881* PC **A09**/MF **A01**

FWS/OBS-82/11.10
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AD-P004 511/2 **14**-*530,790* PC **A02**/MF **A01**

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PB85-115566 **03**-*506,178* Not available NTIS

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DE85001307 **09**-*518,810* PC **A11**/MF **A01**

DOE/OR/21400-T111
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DE85010127 **18**-*540,799* PC **A02**/MF **A01**

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DE85014683 **24**-*555,706* PC **A02**/MF **A01**

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(ARO-16438.2-MS)
AD-A149 978/9 **09**-*520,693* Not available NTIS

On the Effect of Porosity on the Kinetics of Densification during Pressure Sintering.
(ARO-16438.6-MS)
AD-A150 126/1 **09**-*519,365* Not available NTIS

Elastic Creep of Brittle Ceramics with Special Reference to Creep by Crack Growth in Aluminum Oxide.
(ARO-16438.1-MS)
AD-A150 288/9 **10**-*522,071* Not available NTIS

Creep Analysis of Bend Specimens Subject to Tensile Cracking.
(ARO-16438.15-MS)
AD-A150 330/9 **10**-*522,072* Not available NTIS

Elastic Creep by Crack Growth during Residual Stress Relaxation in a Polycrystalline Aluminium Oxide.
(ARO-16438.4-MS)
AD-A150 369/7 **10**-*522,074* Not available NTIS

Effect of Cavities on Creep.
(ARO-16438.12-MS)
AD-A150 431/5 **10**-*522,075* Not available NTIS

Role of Cracks in the Creep Deformation of Brittle Polycrystalline Ceramics.
(ARO-16438.5-MS)
AD-A150 432/3 **10**-*522,076* Not available NTIS

Role of Cracks during the Annealing of Residually Stressed Brittle Structural Ceramics.
(ARO-16438.14-MS)
AD-A150 433/1 **10**-*522,077* Not available NTIS

Effect of Cracks on Mechanisms and Kinetics of Creep Deformation of Brittle Ceramics.
(ARO-16438.13-MS)
AD-A150 434/9 **10**-*522,078* Not available NTIS

VIRGINIA POLYTECHNIC INST. AND STATE UNIV., BLACKSBURG. DEPT. OF MECHANICAL ENGINEERING.

VPI-E-85-5
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(NBS/GCR-85/490)
PB85-186906 **13**-*529,794* PC **A11**/MF **A01**

New Method for Calculating the Flow Field in a Dump Combustor.
(AFOSR-TR-84-1165)
AD-A149 305/5 **08**-*517,762* PC **A04**/MF **A01**

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(NBSIR-83/2804)
PB85-177954 **12**-*527,501* PC **A07**/MF **A01**

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DOE/PC/60806-T1
Preparation of Super-Clean Coal. Technical Progress Report for First and Second Quarters, September 15, 1983-March 14, 1984.
DE84012286 **02**-*505,163* PC **A03**/MF **A01**

DOE/PC/60806-T2
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DE85012998 **24**-*557,108* PC **A03**/MF **A01**

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DOE/ER/10713-1
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DE85016839 **26**-*561,801* PC **A02**/MF **A01**

DOE/ER/10713-2
Theory of Weak Interactions and Related Topics. Progress Report, January 1-December 31, 1981.
DE85016838 **26**-*561,800* PC **A02**/MF **A01**

DOE/ER/10713-3
Theory of Weak Interactions and Related Topics. Progress Report, January 1, 1982-February 28, 1983.
DE85016837 **26**-*561,799* PC **A02**/MF **A01**

DOE/ER/10713-4
Theory of Weak Interactions and Related Topics. Progress Report, March 1-December 31, 1983.
DE85016836 **26**-*561,798* PC **A03**/MF **A01**

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Theory of Weak Interactions and Related Topics. Progress Report, January 1-December 31, 1984.
DE85016843 **26**-*561,803* PC **A02**/MF **A01**

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DE85016844 **26**-*561,804* PC **A02**/MF **A01**

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Theoretical Studies in Few-Body Intermediate Energy Physics.
DE85003241 **08**-*517,998* PC **A02**/MF **A01**

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DOE/LC/10701-1806
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DE85008586 **23**-*554,354* PC **A06**/MF **A01**

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DOE/ER/10993-1
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DE85006792 **13**-*529,595* PC **A04**/MF **A01**

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DOE/SR/10995-1
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DE85009867 **18**-*539,906* PC **A03**/MF **A01**

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DOE/DP-48013-1
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DE85000023 **08**-*517,669* PC **A11**/MF **A01**

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Elastomers and Other Organic Composites.
(ARO-17617.33-CH)
AD-A147 624/1 **04**-*509,365* PC **A02**/MF **A01**

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DOE/NBM-5000682
Continued Development of the Residue Baler. Final Report.
DE85000682 **07**-*514,379* PC **A03**/MF **A01**

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VPI-SG-84-08
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PB85-236685 **25**-*557,634* PC **A10**/MF **A01**

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Novel Approach for Predicting Sublethal Effects of Toxicants to Aquatic Organisms.
(AFOSR-TR-85-0485)
AD-A158 932/4 **25**-*557,619* PC **A07**/MF **A01**

New Steam Cooled Reactor.
NUREG/CR-4019 **05**-*512,346* PC **A08**/MF **A01**

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New Flow Visualization Technique for Water Tunnel Testing of Combustors.
(AFWAL-TR-85-2042)
AD-A158 015/8 **24**-*556,125* PC **A04**/MF **A01**

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DOE/R3/06102-T1
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DE85009220 **17**-*538,375* PC **A02**/MF **A01**

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NAS 1.26:175899
Activities of the Solid State Physics Research Institute.
(NASA-CR-175899)
N85-28818/1 **20**-*547,001* PC **A05**/MF **A01**

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CONF-841005-6
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DE85005707 **12**-*527,972* PC **A02**/MF **A01**

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DE84015611 **01**-*502,466* PC **A07**/MF **A01**

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DE85000004 **06**-*514,137* PC **A04**/MF **A01**

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PB85-175941 **14**-*531,052* PC **A03**/MF **A01**

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(NCHSR-85-96)
PB85-214278 **20**-*544,640* PC **A02**/MF **A01**

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Faculty Perceptions of Students' Knowledge and Use of Libraries.
ED-247 949 **08**-*516,075* Not available NTIS

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UVA/529274/CE84/105
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(DOT-SRP-85-3)
PB85-175602 **14**-*532,174* PC **A03**/MF **A01**

Evaluation of Management Options for Bus Maintenance. Executive Summary.
(UMTA-VA-11-0012-85-1)
PB85-189062 **15**-*534,248* PC **A02**/MF **A01**

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(UMTA-VA-11-0012-85-2)
PB85-189090 **15**-*534,249* PC **A05**/MF **A01**

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DOE/EV/10209-T1
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DE85000615 **09**-*519,628* PC **A05**/MF **A01**

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(ARO-16816.10-GS)
AD-A146 211/8 **01**-*501,248* PC **A02**/MF **A01**

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DOE/ER/45035-1
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DE85011749 **21**-*548,143* PC **A04**/MF **A01**

DOE/ET/52023-34
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DE85011745 **22**-*550,429* PC **A02**/MF **A01**

DOE/ET/52023-36
Simulating the CTR Environment in the HVEM, 1979.
DE85015792 **25**-*558,914* PC **A02**/MF **A01**

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DE85016842 **26**-*561,802* PC **A03**/MF **A01**

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DE85009452 **15**-*535,118* PC **A02**/MF **A01**

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DE85008372 **17**-*539,469* PC **A03**/MF **A01**

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PB85-131266 **08**-*518,122*
(Order as PB85-130078, PC **A99**/MF **A01**)

Inertial Clock to Test the Non-Metricity of Gravity.
PB85-131316 **08**-*518,127*
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VIRGINIA UNIV., CHARLOTTESVILLE. DEPT. OF SYSTEMS ENGINEERING.

UVA/525358/SE85/101
Development of a Mixed Scanning Interactive System for Decision Support.
AD-A146 895/8 **02**-*503,088* PC **A16**/MF **A01**

UVA/525393/SE84/103
Omni Transforms: Applications to Renewal Theory.
AD-A146 939/4 **02**-*504,141* PC **A02**/MF **A01**

UVA/525393/SE85/106
Omni-Transform in Single-Channel Queues.
AD-A151 019/7 **11**-*524,566* PC **A02**/MF **A01**

UVA/525393/SE85/107
Characterizations of Generalized Hyperexponential Distributions.
AD-A155 855/0 **21**-*548,204* PC **A03**/MF **A01**

UVA/525393/SE85/109
Comments on Estimating Quantiles for Gaussian Functionals by Simulation.
AD-A154 302/4 **17**-*538,317* PC **A03**/MF **A01**

VIRGINIA UNIV., CHARLOTTESVILLE. DIV. OF URBAN AND ENVIRONMENTAL PLANNING.

Analysis of Neighborhood Condition and Change in Metropolitan Areas.
(HUD-0003504)
PB85-158202 **10**-*521,356* PC **A03**/MF **A01**

VIRGINIA UNIV., CHARLOTTESVILLE. ROTOR DYNAMICS LAB.

NAS 1.26:172582
Executive Control Systems in the Engineering Design Environment.
(NASA-CR-172582)
N85-24835/9 **17**-*537,955* PC **A06**/MF **A01**

NAS 1.26:174086
Research in Computer Science.
(NASA-CR-174088)
N85-14572/0 **08**-*516,632* PC **A02**/MF **A01**

NAS 1.26:175870
Investigation of Semiconductor Clad Optical Waveguides.
(NASA-CR-175870)
N85-28785/2 **20**-*546,517* PC **A05**/MF **A01**

NAS 1.26:175922
Research in Computer Science.
(NASA-CR-175922)
N85-28612/8 **20**-*545,212* PC **A02**/MF **A01**

NAS 1.26:176066
Methods for Design and Evaluation of Integrated Hardware-Software Systems for Concurrent Computation.
(NASA-CR-176066)
N85-31851/7 **23**-*552,818* PC **A02**/MF **A01**

UVA/528207-EE85-103
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(NASA-CR-175870)
N85-28785/2 **20**-*546,517* PC **A05**/MF **A01**

UVA/528209/AM85/106
Research in Computer Science.
(NASA-CR-174088)
N85-14572/0 **08**-*516,632* PC **A02**/MF **A01**

UVA/528209-AM85-107
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(NASA-CR-175922)
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CONF-830642-
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DE84006270 **19**-*543,816* PC **A99**/MF **A01**

DOE/OR/00033-T73
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DE84017139 **03**-*507,116* PC **A12**/MF **A01**

UVA-ER-961-84U
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DE85003343 **08**-*517,446* PC **A05**

UVA/525393/SE85/108
TIMS/ORSA (Operations Research Society of America) Special Interest Conference on Applied Probability; Statistical and Computational Problems in Probability Modeling (3rd) Held at Williamsburg, Virginia on 7-9 January 1985.
AD-A153 207/6 **15**-*534,091* PC **A06**/MF **A01**

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AD-A153 509/5 **16**-*536,910* PC **A05**/MF **A01**

VIRGINIA UNIV., CHARLOTTESVILLE. SCHOOL OF MEDICINE.

Direct Assessment of Synaptic Modification Rules.
(AFOSR-TR-84-1015)
AD-A148 376/7 **05**-*511,128* PC **A02**/MF **A01**

VIRGINIA UNIV. MEDICAL CENTER, CHARLOTTESVILLE.

Center for the Delivery of Health Care, University of Virginia Medical Center, Charlottesville, Virginia Final Progress Report.
(NCHSR-84/220)
PB85-119188 **04**-*508,545* PC **A02**/MF **A01**

VIRGINIA WATER RESOURCES RESEARCH CENTER, BLACKSBURG.

VPI-VWRRC-BULL-141
Adsorption of Metal Ions and Metal Complexes on Minerals.
PB85-242931 **26**-*560,531* PC **A07**/MF **A01**

VPI-VWRRC-BULL-144
Effects of Land Use Practices on Water Resources in Virginia.
(USGS-G-874(02))
PB85-216927 **20**-*545,797* PC **A07**/MF **A01**

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(BU-REC-B-129-VA(1))
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PB85-152098 **10**-*521,796*
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TR-1
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AD-A157 047/2 **23**-*552,733* PC **A02**/MF **A01**

TR-55
Spectral Albedos of Sea Ice and Incident Solar Irradiance in the Southern Beaufort Sea.
AD-A157 048/0 **23**-*552,723* PC **A02**/MF **A01**

Simple Mesoscale Models for Operational Use in Regions of Topographic and Thermal Forcing: Development and Evaluation.
(NEPRF-CR-84-05)
AD-A146 667/1 **01**-*500,219* PC **A05**/MF **A01**

Radiation Budget Components and Their Parametrization in JASIN.
AD-A149 152/1 **08**-*515,825* PC **A02**/MF **A01**

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(CRC/APRAC/CAPA-21-80-04)
PB85-144350 **07**-*514,419* PC **A04**/MF **A01**

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TR-30
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AD-A148 251/2 **05**-*511,188* PC **A03**/MF **A01**

TR-31
Chemical Information from Ion Scattering Spectrometry.
AD-A148 287/6 **05**-*511,196* PC **A02**/MF **A01**

TR-31
Average Collisional Vibrational Energy Transfer Quantities and the Inversion Temperature.
AD-A152 674/8 **14**-*531,474* PC **A02**/MF **A01**

TR-32
Multicomponent Calibration and Quantitation Methods.
AD-A148 252/0 **05**-*511,189* PC **A03**/MF **A01**

High Temperature Gas Energy Transfer.
AD-A146 134/2 **01**-*500,998* PC **A02**/MF **A01**

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WATER RESOURCES SER/TR-79
Operation of Detention Facilities for Urban Stream Quality Enhancement.
(BU-REC-C-00198-U(0504)(1))
PB85-204030 **19**-*542,939* PC **A13**/MF **A01**

WATER RESOURCES SER/TR-82
Assessment of Changes in Storm and Seasonal Runoff Response of Watersheds Impacted by Mt. St. Helens Ash Deposition.
(BU-REC-C-00234(1429)(1))
PB85-204014 **19**-*542,938* PC **A06**/MF **A01**

WATER RESOURCES SER/TR-88
Hydrologic Estimation for Sizing of Small Hydropower Generation Facilities.
PB85-146157 **08**-*516,511* PC **A05**/MF **A01**

WATER RESOURCES SER/TR-89
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(USGS/G-876(05))
PB85-215093 **20**-*545,784* PC **A07**/MF **A01**

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PB85-223634 **22**-*549,444* PC **A08**/MF **A01**

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PB85-203974 **19**-*542,506* PC **A11**/MF **A01**

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(EPA/600/J-83/301)
PB85-219764 **22**-*550,479* Not available NTIS

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AD-A146 444/5 **02**-*503,851* PC **A13**/MF **A01**

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Retroreflectance from a Dense Distribution of Spherical Particles.
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AD-A153 879/2 **18**-*535,677* PC **A02**/MF **A01**

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AD-P004 409/9 **12**-*526,537* PC **A02**/MF **A01**

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(NCHSR-85-93)
PB85-208684 **18**-*540,110* PC **A02**/MF **A01**

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PB85-208692 **18**-*540,111* PC **A11**/MF **A01**

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CONF-8407123-1
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DE85011207 **20**-*545,455* PC **A02**/MF **A01**

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CONF-8404104-5
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(-WSS/CI---84-13)
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UWA/DME/TR-85/50
Dynamic Crack Curving and Branching under Biaxial Loading.
AD-A151 451/2 **12**-*528,071* PC **A03**/MF **A01**

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Strain Energy Density Criteria for Dynamic Fracture and Dynamic Crack Branching.
AD-A157 914/3 **24**-*556,968* PC **A02**/MF **A01**

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CONF-850162-1
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DE85007[illegible]6 **14**-*532,632* PC **A02**/MF **A01**

CONF-850162-2
Searching for Hidden Color with Pion-Nucleus Double Charge Exchange.
DE85007775 **14**-*532,631* PC **A02**/MF **A01**

CONF-850315-7
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DE85013905 **24**-*556,808* PC **A02**/MF **A01**

CONF-8405155-6
Inflation from Extra Dimensions.
DE85007834 **13**-*528,390* PC **A02**/MF **A01**

CONF-8405299-1
Summary of the Discussion of the Theory of Radiative Processes.
DE85007812 **17**-*539,382* PC **A02**/MF **A01**

CONF-8406178-4
Coherent State Description of Non-Topological Solitons and Momentum Projection.
DE85007814 **14**-*532,637* PC **A02**/MF **A01**

CONF-8406178-5
Gluons for All Bags.
DE85007844 **14**-*532,641* PC **A02**/MF **A01**

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Covariant Momentum Projection of the Soliton Bag: Recoil Corrections to the Hadronic Masses.
DE85007842 **14**-*532,640* PC **A02**/MF **A01**

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Nuclear Tests of Lepton Number and CP Nonconservation.
DE85007777 **14**-*532,633* PC **A02**/MF **A01**

CONF-8410246-1
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DE85007839 **14**-*532,639* PC **A02**/MF **A01**

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DE85013905 **24**-556,808 PC **A02**/MF **A01**

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DE85007832 **14**-532,725 PC **A02**

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DE85007844 **14**-532,641 PC **A02**/MF **A01**

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DE85007823 **13**-530,450 PC **A02**/MF **A01**

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DE85007824 **14**-532,685 PC **A02**/MF **A01**

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Covariant Momentum Projection of the Soliton Bag: Recoil Corrections to the Hadronic Masses.
DE85007842 **14**-532,640 PC **A02**/MF **A01**

DOE/ER/40048-18-P4
Comments on the Hopf Lagrangian and Fractional Statistics of Solitons.
DE85007825 **13**-530,451 PC **A02**/MF **A01**

DOE/ER/40048-25-N4
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DE85007839 **14**-532,639 PC **A02**/MF **A01**

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Special Relativity of Kaluza-Klein.
DE85007838 **13**-530,456 PC **A02**/MF **A01**

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Quantized Hall Conductance as a Topological Invariant.
DE85007796 **14**-532,724 PC **A02**/MF **A01**

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Cocycles and Magnetic Monopole.
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Light Fermion Mass Hierarchies in Supersymmetric Models.
DE85007837 **13**-530,518 PC **A02**/MF **A01**

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DE85007806 **13**-530,515 PC **A02**/MF **A01**

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Apparatus-Dependent Contributions to (G-2).
DE85007807 **14**-532,635 PC **A02**/MF **A01**

DOE/ER/40048-35-P4
Magnetic Monopoles from Antisymmetric Tensor Gauge Fields.
DE85007868 **13**-530,458 PC **A02**/MF **A01**

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Comment on Quantum Effects on 4-Dimensional Space-Time Symmetries.
DE85007780 **13**-530,514 PC **A02**/MF **A01**

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Geonium Without a Magnetic Bottle - A New Generation.
PB85-130516
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Preliminary Proton/Electron Mass Ratio Using a Precision Mass-Ratio Spectrometer.
PB85-130722
08-518,024
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AD-A158 870/6 **25**-557,558 PC **A03**/MF **A01**

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Characteristics of Contributors to the Information Base for the Automated Aid for Personnel Retention.
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Navy Wives' Views on the Reenlistment Decision: Reasons for and Reasons against.
AD-A148 360/1 **05**-510,874 PC **A02**/MF **A01**

Post Fire Interviews: Development and Field Validation of the Behavioral Sequence Interview Technique.
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PB85-127512 **05**-510,936 PC **A05**/MF **A01**

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AD-A149 705/6 **09**-519,437 PC **A03**/MF **A01**

TR-48
Least Squares Estimation of Conditionally Heteroscedastic Autoregressions.
AD-A145 994/0 **01**-501,623 PC **A02**/MF **A01**

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AD-A149 706/4 **09**-519,438 PC **A03**/MF **A01**

Robust Estimation of Signal Parameters with Dependent Data.
AD-A146 036/9 **01**-501,356 Not available NTIS

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AD-A147 168/9 **02**-504,123 MF **A01**

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Transformation of the Garrick-Carey Battle Casualty Data Set into an FMF-Compartible Interactive Database.
AD-A151 860/4 **13**-528,908 PC **A10**/MF **A01**

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FRI-UW-8412
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(BU-REC-C-00225-V(1418)(2))
PB85-157717 **13**-529,049 PC **A07**/MF **A01**

FRI-UW-8414
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(USGS/G-876(04))
PB85-215127 **20**-544,770 PC **A06**/MF **A01**

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AD-A156 598/5 **22**-549,947 PC **A04**/MF **A01**

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PB85-102127 **01**-501,141 PC **A07**/MF **A01**

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PB85-157683 **12**-526,776 PC **A06**/MF **A01**

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DOE/ET/53047-22
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DE85011463 **19**-544,213 PC **A09**/MF **A01**

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Restrictive Shipping Practices: Boom or Blight for Developing Countries
PB85-236792 **24**-555,967 PC **A02**/MF **A01**

WSG-85-3
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PB85-236800 **24**-554,813 PC **A03**/MF **A01**

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Electroweak Interactions in Nuclei.
DE85007811 **14**-532,636 PC **A02**/MF **A01**

CONF-850315-6
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DE85013904 **24**-556,807 PC **A02**/MF **A01**

CONF-8405168-4
Why and when Are Clebsch-Gordan Coefficients Real.
DE85007813 **13**-530,444 PC **A02**/MF **A01**

DOE/ER/40048-06-N4
Electroweak Interactions in Nuclei.
DE85007811 **14**-532,636 PC **A02**/MF **A01**

DOE/ER/40048-08-N4
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DE85007813 **13**-530,444 PC **A02**/MF **A01**

DOE/ER/40048-13-N5
Dynamical Model of Quark Rearrangement in Nucleon-Antinucleon Annihilation.
DE85013904 **24**-556,807 PC **A02**/MF **A01**

WASHINGTON UNIV., SEATTLE. LAB. FOR CHEMOMETRICS.

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AD-A153 805/7 **16**-536,383 PC **A02**/MF **A01**

WASHINGTON UNIV., SEATTLE. NUCLEAR PHYSICS LAB.

CONF-840790-5
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DE85007819 **14**-532,607 PC **A02**/MF **A01**

CONF-840906-19
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DE85007827 **13**-530,453 PC **A02**/MF **A01**

CONF-840906-20
High Energy gamma Rays from Complex Particle Collisions.
DE85007871 **15**-534,855 PC **A02**/MF **A01**

CONF-841005-10
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DE85007870 **14**-532,255 PC **A02**/MF **A01**

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DE85017419 **26**-561,763 PC **A02**/MF **A01**

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DE85017418 **26**-561,762 PC **A02**/MF **A01**

CONF-8406156-6
Spin Distributions in Heavy Ion Fusion at and Below the Coulomb Barrier.
DE85007817 **13**-530,447 PC **A02**/MF **A01**

CONF-8408139-1
Symmetry Violation in Nuclear Reactions.
DE85007822 **13**-530,449 PC **A02**/MF **A01**

CONF-8409150-4
Simple Production Method for Making 3 mu G/cm exp 2 Cracked Slacked Carbon Accelerator Stripper Foils.
DE85007841 **14**-532,608 PC **A02**/MF **A01**

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Overview and Status of the University of Washington Nuclear Physics Lab Booster Project.
DE85011462 **24**-556,686 PC **A02**

CONF-8410172-9
Cryogenic System for the University of Washington Superconducting Booster.
DE85010604 **20**-546,536 PC **A02**/MF **A01**

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Determination of the Rate of Energy Partition in Deeply Inelastic Collisions.
DE85007815 **13**-530,445 PC **A02**/MF **A01**

DOE/ER/40048-97-L4
Timescale for Projectile Breakup into Coincident Heavy Fragments.
DE85007816 **13**-530,446 PC **A02**/MF **A01**

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DE85007822 **13**-530,449 PC **A02**/MF **A01**

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Dual Quadratic Programming Algorithm.
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MRC-TSR-2755
Single Integral Constitutive Equations for Viscoelastic Fluids.
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Some Qualitative Properties of Bivariate Euler-Frobenius Polynomials.
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Note on the Disturbance Decoupling Problem for Retarded Systems.
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Cauchy Problem for Ut = Delta u(m) When 0 < m < 1.
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DE84780586 **10**-*521,625* PC **A05**/MF **A01**

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PB85-114569 **03**-*506,821* PC **A02**/MF **A01**

Test Procedure for Container Specification 49 CFR 178.131 Steel Drums (37A).
(DOT/RSPA/DMT-12/84/34)
PB85-114577 **03**-*506,822* PC **A03**/MF **A01**

Test Procedure for Container Specification 49 CFR 178.132 Steel Drums (37B).
(DOT/RSPA/DMT-12/84/35)
PB85-114585 **02**-*504,512* PC **A03**/MF **A01**

Test Procedure for Container Specification 49 CFR 178.135 Steel Drums (37C).
(DOT/RSPA/DMT-12/84/36)
PB85-114593 **02**-*504,513* PC **A03**/MF **A01**

Test Procedure for Container Specification 49 CFR 178.116 Steel Drums (17E).
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PB85-114601 **03**-*506,823* PC **A03**/MF **A01**

Test Procedure for Container Specification 49 CFR 178.115 Steel Drums (17C).
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PB85-114619 **02**-*504,514* PC **A03**/MF **A01**

Test Procedure for Container Specification 49 CFR 178.118 Steel Drums (17H).
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PB85-114627 **03**-*506,824* PC **A03**/MF **A01**

Test Procedure for Container Specification 49 CFR 178.24a Inside Polyethylene Bottle (2E).
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PB85-120897 **04**-*509,731* PC **A03**/MF **A01**

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PB85-120905 **04**-*509,732* PC **A03**/MF **A01**

Test Procedure for Container Specification 49 CFR 178.134 Cylindrical Steel Overpack, Straight Sided for Inside Plastic Container Nonreusable (37M).
(DOT/RSPA/DMT-12/84/26)
PB85-120913 **04**-*509,733* PC **A02**/MF **A01**

Test Procedure for Container Specification 49 CFR 178.35a Molded or Thermoformed Polyethylene Packaging (2SL).
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PB85-120921 **04**-*509,734* PC **A03**/MF **A01**

Test Procedure for Container Specification 49 CFR 178.224 Fiber Drum (21C).
(DOT/RSPA/DMT-12/84/45)
PB85-139947 **06**-*513,788* PC **A03**/MF **A01**

Test Procedure for Container Specification 49 CFR 178.150 Polystyrene Cases (33A).
(DOT/RSPA/DMT-12/84/56)
PB85-146199 **08**-*517,164* PC **A02**/MF **A01**

Test Procedure for Container Specification 49 CFR 178.33a Inside Non-Refillable Metal Containers (2Q).
(DOT/RSPA/DMT-12/84/49)
PB85-153930 **10**-*522,352* PC **A02**/MF **A01**

Test Procedure for Container Specification 49 CFR 178.82 Steel Barrels or Drums (5B).
(DOT/RSPA/DMT-12/84/29)
PB85-154045 **10**-*522,353* PC **A03**/MF **A01**

Test Procedure for Container Specification 49 CFR 178.33 Inside Non-Refillable Metal Containers (2P).
(DOT/RSPA/DMT-12/84/48)
PB85-154052 **10**-*522,354* PC **A02**/MF **A01**

Test Procedure for Container Specification 49 CFR 178.225 Fiber Drum Overpack for Inside Plastic Container (21P).
(DOT/RSPA/DMT-12/84/33)
PB85-154300 **10**-*522,355* PC **A03**/MF **A01**

Test Procedure for Container Specification 49 CFR 178.17, Non-Reusable Glass Carboys (1M).
(DOT/RSPA/DMT-12/84/50)
PB85-154318 **10**-*522,356* PC **A03**/MF **A01**

Test Procedure for Container Specification 49 CFR 178.210 Fiberboard Boxes (12A).
(DOT/RSPA/DMT12-84-40)
PB85-236222 **24**-*556,029* PC **A03**/MF **A01**

Test Procedure for Container Specification 49 CFR 178.68 Welded Aluminum Cylinders (4E).
(DOT/RSPA/DMT12-84/57)
PB85-236321 **24**-*556,030* PC **A03**/MF **A01**

Test Procedure for Container Specification 49 CFR 178.238 Multiwall Paper Bags (44D).
(DOT/RSPA/DMT12-84/52)
PB85-245926 **26**-*560,977* PC **A03**/MF **A01**

WYLE LABS., HUNTSVILLE, AL. SCIENTIFIC SERVICES AND SYSTEMS GROUP.

Test Procedure for Container Specification 49 CFR 178.211 Fiberboard Boxes (12P).
(DOT/RSPA/DMT12-84/55)
PB85-239507 **25**-*558,696* PC **A03**/MF **A01**

Test Procedure for Container Specification 49 CFR 178.168 Wooden Boxes, Nailed (15A).
(DOT/RSPA/DMT12-84/51)
PB85-241354 **25**-*558,697* PC **A03**/MF **A01**

Test Procedure for Container Specification 49 CFR 178.60 Steel Cylinders with Approved Porous Filling for Acetylene (8AL).
(DOT/RSPA/DMT12-84/58)
PB85-241362 **25**-*558,698* PC **A03**/MF **A01**

Test Procedure for Container Specification 49 CFR 178.16 Non-Reusable Molded Polyethylene Drum for Use Without Overpack (35).
(DOT/RSPA/DMT12-84/47)
PB85-243707 **26**-*561,171* PC **A03**/MF **A01**

WYLE LABS., INC., HUNTSVILLE, AL.

NAS 1.26:171285
Commerce Lab: Mission Analysis. Payload Integration Study.
(NASA-CR-171285)
N85-16982/9 **11**-*525,823* PC **A02**/MF **A01**

NAS 1.26:171298
Commerce Laboratory: Mission Analysis Payload Integration Study.
(NASA-CR-171298)
N85-15764/2 **10**-*523,204* PC **A02**/MF **A01**

NAS 1.26:171541
Concept Development Evaluation for John Deere/Ua Sts Middeck Experiment Location.
(NASA-CR-171541)
N85-31071/2 **23**-*553,162* PC **A04**/MF **A01**

NAS 1.26:174381
Commerce Lab: Mission Analysis and Payload Integration Study.
(NASA-CR-174381)
N85-18993/4 **13**-*530,705* PC **A05**/MF **A01**

NAS 1.26:176016
Commerce Lab: Mission Analysis Payload Integration Study. Appendix A: Data Bases.
(NASA-CR-176016)
N85-29988/1 **22**-*551,850* PC **A13**/MF **A01**

P-11-84-33-APP-A
Commerce Lab: Mission Analysis Payload Integration Study. Appendix A: Data Bases.
(NASA-CR-176016)
N85-29988/1 **22**-*551,850* PC **A13**/MF **A01**

WR-85-06
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(NASA-CR-171541)
N85-31071/2 **23**-*553,162* PC **A04**/MF **A01**

WYOMING COOPERATIVE FISHERY UNIT, LARAMIE.

Habitat Suitability Index Models and Instream Flow Suitability Curves: Redear Sunfish,
(FWS/OBS-82/10.79)
PB85-133742 **05**-*510,998* PC **A03**/MF **A01**

Habitat Suitability Index Models and Instream Flow Suitability Curves: Paddlefish,
(FWS/OBS-82/10.80)
PB85-147197 **08**-*516,165* PC **A03**/MF **A01**

Habitat Suitability Index Models and Instream Flow Suitability Curves: White Sucker,
(FWS/OBS-82/10.64)
PB85-164762 **11**-*523,696* PC **A04**/MF **A01**

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DOE/ID/12026-T9
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DE85005005 **20**-*545,256* PC **A04**/MF **A01**

DOE/LC/10916-1661
Tar Sand Occurrences in the Bush Butte Quadrangle, Wyoming, with Emphasis on the Trapper Canyon Deposit.
DE84011996 **12**-*526,759* PC **A03**/MF **A01**

WYOMING GIRL SCOUT COUNCIL, CASPER.

DOE/R8/08028-T1
Camp Sacajawea Passive Solar Demonstration Project.
DE84015782 **02**-*504,198* PC **A02**/MF **A01**

WYOMING PUBLIC SERVICE COMMISSION, CHEYENNE.

DOE/RG/10516-T1
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DE85007354 **13**-*529,384* PC **A18**/MF **A01**

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Electroosmotic Stabilization of Soils Evaluation of the Peterson Method.
(FHWA/WY-84/002)
PB85-183754 **15**-*534,205* PC **A02**/MF **A01**

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DE85010559 **25**-*559,873* PC **A02**/MF **A01**

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DE85001085 **07**-*515,522* PC **A04**/MF **A01**

DOE/FE/60177-1696
Analysis of Forward Combustion Underground Coal Gasification Models.
DE85003286 **13**-*530,586* PC **A08**/MF **A01**

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DE85003366 **13**-*528,910* PC **A04**/MF **A01**

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DE85007804 **26**-*561,947* PC **A10**/MF **A01**

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DE85000317 **04**-*508,928* PC **A07**/MF **A01**

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DE85003578 **09**-*520,480* PC **A02**/MF **A01**

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AD-A147 619/1 **04**-*509,913* PC **A06**/MF **A01**

Viscous Fingering in Hydrocarbon Recovery Processes.
(ARO-19855.4-MA)
AD-A149 962/3 **09**-*519,003* Not available NTIS

Galerkin Methods for Miscible Displacement Problems with Point Sources and Sinks - Unit Mobility Ratio Case.
(ARO-19855.14-MA)
AD-A151 581/6 **12**-*527,249* Not available NTIS

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PB85-226306 **22**-*549,366* PC **A04**/MF **A01**

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PB85-226322 **22**-*550,116* PC **A03**/MF **A01**

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NAS 1.26:172303
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(NASA-CR-172303)
N85-13911/1 **08**-*516,853* PC **A12**/MF **A01**

NAS 1.26:172303-V-2
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(NASA-CR-172303-V-2)
N85-14880/7 **09**-*519,370* PC **A09**/MF **A01**

NAS 1.26:172598
Delamination Micromechanics Analysis.
(NASA-CR-172598)
N85-31237/9 **23**-*553,138* PC **A08**/MF **A01**

NAS 1.26:177357
Polymer Matrix and Graphite Fiber Interface Study.
(NASA-CR-177357)
N85-30036/6 **22**-*550,410* PC **A18**/MF **A01**

UWME-DR-301-101-1-V-1
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(EPA/600/2-84/161)
PB85-115806 **03**-*505,348* PC **A07**/MF **A01**

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AS147
Cloud Physics Studies in the SCPP (Sierra Cooperative Pilot Project).
PB85-163095 **11**-*523,398* PC **A07**/MF **A01**

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Purification and Sequence of an Opioid Peptide Derived from Ovine Proenkephalin.
(AFOSR-TR-85-0176)
AD-A151 159/1 **12**-*526,351* PC **A02**/MF **A01**

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DE85005168 **12**-*526,809* PC **A05**/MF **A01**

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DE85004478 **12**-*528,138* PC **A02**/MF **A01**

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DE85009518 **19**-*544,354* PC **A02**/MF **A01**

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DE85004982 **23**-*554,349* PC **A03**/MF **A01**

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(ARO-17842.9-CH)
AD-A150 083/4 **09**-*518,844* PC **A02**/MF **A01**

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(ARO-17842.7-CH)
AD-A156 046/5 **21**-*547,735* PC **A02**/MF **A01**

Reactions in Miroemulsion Media. Borohydride Reduction of Mono- and Dicarbonyl Compounds.
(ARO-17842.4-CH)
AD-A156 060/6 **21**-*547,748* PC **A02**/MF **A01**

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(ARO-17842.8-CH)
AD-A156 205/7 **21**-*547,737* PC **A02**/MF **A01**

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DOE/ID/12026-T4
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DE84013411 **01**-*501,392* PC **A02**/MF **A01**

DOE/ID/12026-T8
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DE85006951 **14**-*531,725* PC **A06**/MF **A01**

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DE85013004 **22**-*550,312* PC **A04**/MF **A01**

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DE85013574 **23**-*552,958* PC **A04**/MF **A01**

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DE85016970 **26**-*560,776* PC **A04**/MF **A01**

DOE/ID/12026-T14
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DE85016969 **26**-*560,775* PC **A04**/MF **A01**

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(USGS/G-879-02)
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N85-18376/2 **12**-*527,087* PC **A06**/MF **A01**

UWME-DR-401-103-1
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(NASA-CR-174346)
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DE85007192 **12**-*528,205* PC **A03**/MF **A01**

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DE85007191 **12**-*528,204* PC **A02**/MF **A01**

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DE85007190 **12**-*528,203* PC **A02**/MF **A01**

DOE/LC/10783-4
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DE85007189 **12**-*528,202* PC **A03**/MF **A01**

DOE/LC/10783-5
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DE85007188 **12**-*526,824* PC **A02**/MF **A01**

DOE/LC/10783-6
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DE85007187 **12**-*526,823* PC **A02**/MF **A01**

DOE/LC/10783-7
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DE85007185 **12**-*526,821* PC **A03**/MF **A01**

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DE85007186 **12**-*526,822* PC **A02**/MF **A01**

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DE85007184 **12**-*526,820* PC **A02**/MF **A01**

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DE85007249 **12**-*528,207* PC **A02**/MF **A01**

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(AFGL-TR-84-0235)
AD-A145 960/1 **01**-*500,165* Not available NTIS

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(AFGL-TR-84-0234)
AD-A146 279/5 **01**-*500,171* PC **A02**/MF **A01**

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DOE/LC/10917-1735
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DE85003365 13-528,865 PC A06/MF A01

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(EPA/600/J-84/250)
PB85-174076 14-531,217 Not available NTIS

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DOE/PC/60015-18
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DE85005659 20-547,046 PC A02/MF A01

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DE85015105 24-557,145 PC A03/MF A01

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DE85003373 17-537,638 PC A07/MF A01

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PB85-226348 22-550,680 PC A03/MF A01

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PB85-229748 23-551,975 PC A04/MF A01

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(RADC-TR-84-17)
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DE84013018 02-504,190 PC A03/MF A01

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Improved Oxygen Separator Development Program.
(GRI-82/0093)
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(ARO-18567.16-PH)
AD-A146 336/3 01-501,015 Not available NTIS

Detection of Interfacial Hydroxyl Ions (OH- and OD-) on Ag Electrodes by Surface Enhanced Raman Scattering.
(ARO-18567.17-PH)
AD-A146 390/0 01-501,021 Not available NTIS

Surface Enhanced Raman Scattering and Second-Harmonic Generation from CN- Complexes and SO2- sub 4 on Ag Electrodes during Oxidation-Reduction Cycles.
(ARO-18567.13-PH)
AD-A147 590/4 03-505,849 Not available NTIS

Genetic Characterization of Insect Vectors of Disease.
AD-A148 603/4 06-513,030 PC A02/MF A01

Genetic Characterization of Insect Vectors of Disease.
AD-A148 604/2 06-513,031 PC A03/MF A01

Wavelength Dependence of Surface-Enhanced Raman Scattering from Ag Colloids with Adsorbed CN(-) Complexes, SO3(--), and Pyridine.
(ARO-18567.18-PH)
AD-A149 973/0 09-518,839 Not available NTIS

Population Inversion in Laser-Initiated Vacuum Arcs.
(AFOSR-TR-85-0258)
AD-A151 958/6 13-530,337 PC A04/MF A01

Genetic Characterization of Insect Vectors of Diseases.
AD-A152 859/5 15-533,334 PC A02/MF A01

Genetic Characterization of Insect Vectors of Diseases.
AD-A153 021/1 15-533,335 PC A02/MF A01

Stimulated Raman Scattering from Individual Water and Ethanol Droplets at Morphology-Dependent Resonances.
(ARO-18567.22-PH)
AD-A153 177/1 15-533,521 Not available NTIS

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AD-A154 032/7 18-535,971 PC A13/MF A01

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(ARO-19748.2-CH)
AD-A155 910/3 21-547,742 PC A02/MF A01

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(ARO-18567.25-PH)
AD-A158 468/9 25-557,925 PC A02/MF A01

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PB85-118784 03-505,453 PC A15/MF A01

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